IMPORTANT POCKET WATCHES, WRISTWATCHES, CLOCKS & ONE OWNER COLLECTION OF VINTAGE HEUER WRISTWATCHES

292 LOTS TO BE OFFERED FOR SALE BY AUCTION
IN TWO SESSIONS
SATURDAY 28 AND SUNDAY 29 NOVEMBER 2009

FIRST SESSION: SATURDAY 28 NOVEMBER AT 4:00 p.m. Lots 1 - 129
SECOND SESSION: SUNDAY 29 NOVEMBER AT 2:30 p.m. Lots 130 - 292

MILAN, ITALY
Grand Hotel et de Milan

Via Alessandro Manzoni, 29
20121 Milan

Patrizzi & Co
AUCTIONEERS

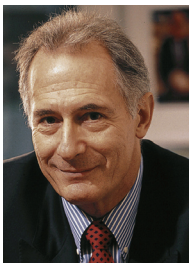
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www.patrizziauction.com

Patrizzi & Co
AUCTIONEERS

A NEW AUCTION APPROACH

Most people, even vaguely connected with the world of watch-making and watch collecting, have heard of Osvaldo Patrizzi and the decades of passion and energy he has dedicated to building watch collecting to the global interest we know today.

Osvaldo Patrizzi was the first to develop thematic auctions such as the highly successful 1989 Patek Philippe thematic auction. Patrizzi has worked the same magic for many specialist watch-making brands including: Cartier, Rolex, Swatch, Vacheron Constantin, and Omega – to name but a few. Today, with his new auction house, he brings the same benefits to watch auctioneering.



NO buyer's commission: This represents a considerable saving to buyers since most other major auction houses' current commissions range from 20–25% of the hammer price.

Five-year guarantee of authenticity: This guarantee eliminates what is often perceived to be the "risk factor" in buying important pieces via the Internet and includes an accurate and very detailed description of the quality of the piece(s) being purchased.

A choice of catalogs: Clients have a choice of purchasing a full color printed catalog or downloading their own personalized version of the online catalog onto their computer or new generation e-Book.

Acquisition of timepieces for auction: Patrizzi & Co uses two methods of acquiring watches: The first is to directly purchase the watches from a vendor via an independent financial company. These pieces are then offered for sale at the purchase cost. The second method is for a vendor to consign pieces for sale. In this case, Patrizzi & Co offers the items at the reserve price (as indicated in the catalog) and shares with the vendor the difference between the reserve price and the hammer price. These two alternatives give the seller the option to choose to benefit from an instant sale or participate in the profit of selling at auction.

The approach is simple: Perhaps you prefer to enjoy the unique atmosphere of an auction; perhaps you prefer to maintain anonymity by bidding over the telephone or lodging a written bid; or perhaps you prefer the excitement of participating in the event in real time via the Internet – whatever your preferred approach Patrizzi & Co has an option for you.

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WORLD



TOUR EXHIBITIONS

MILAN
24 - 28 November 2009
10:00 a.m. - 7:00 p.m.

29 November 2009
10:00 a.m. - 12:00 p.m.

Patrizzi & Co
Via Monte di Pietà, 24
20121 Milan, Italy



Auction Timetable

Saturday 28 November, Milan

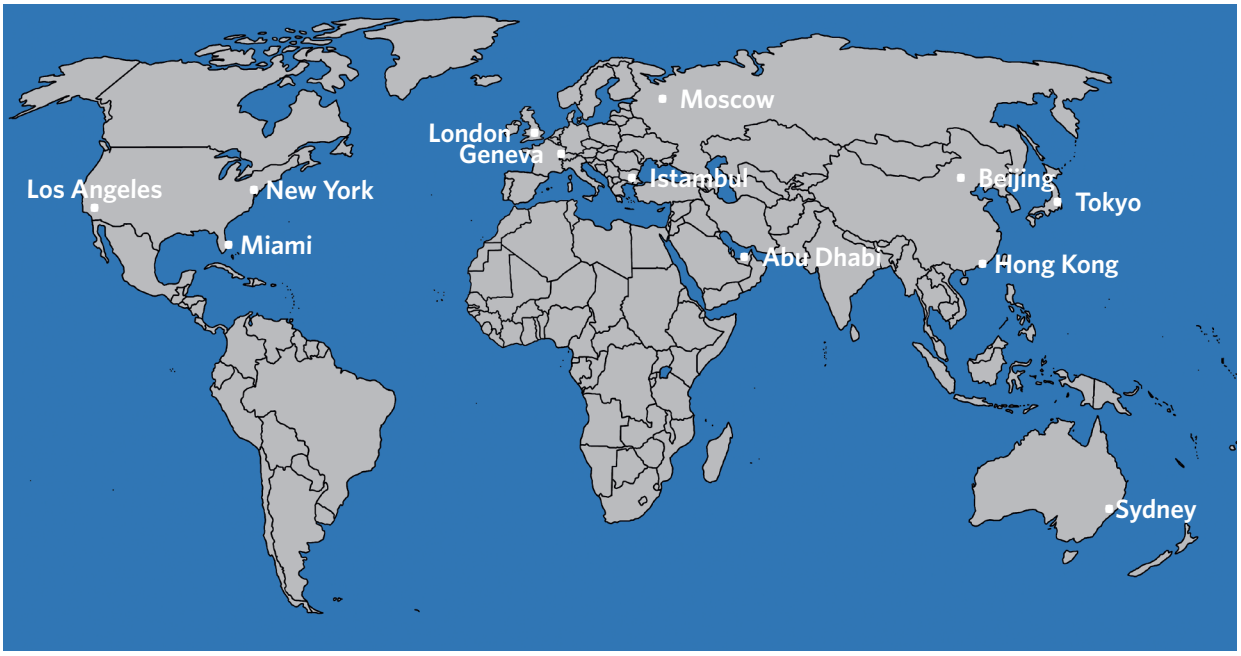
First session starts at 4:00 p.m.

Los Angeles	7:00 a.m.
New York	10:00 a.m.
Miami	10:00 a.m.
London GMT	3:00 p.m.
Istanbul	5:00 p.m.
Moscow	6:00 p.m.
Abu Dhabi	7:00 p.m.
Hong Kong	11:00 p.m.
Beijing	11.00 p.m.
Tokyo	12:00 a.m. of 29 November
Sydney	2:00 a.m. of 29 November

Sunday, 29 November, Milan

Second session starts at 2:30 p.m.

Los Angeles	5:30 a.m.
New York	8:30 a.m.
Miami	8:30 a.m.
London GMT	1:30 p.m.
Istanbul	3:30 p.m.
Moscow	4:30 p.m.
Abu Dhabi	5:30 p.m.
Hong Kong	9:30 p.m.
Beijing	9:30 p.m.
Tokyo	10:30 p.m.
Sydney	12:30 a.m. of 30 November



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Historical Researcher

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Inventory Manager

Nathaniel W. F. Borgelt
Horological Coordinator

Mahshid Nematzadeh
Accountant

Mariusz Olejnik
Master Watchmaker

The Auction process

AUCTION GUIDE
An auction is simpler than you may think especially if you have selected Patrizzi & Co as your auctioneer. Patrizzi & Co and its team of experts strive to help you, the client, buy at auction with ease and confidence. To walk you through the process, Patrizzi & Co has outlined in the following HOW TO BUY guide the important steps you should be aware of in order to successfully purchase timepieces at auction.

All aspects of the relationship between Patrizzi & Co, on the one hand, and bidders, buyers, sellers and/or users of Patrizzi & Co's website, on the other, are detailed in Patrizzi & Co's Conditions of Sale and in Patrizzi & Co's Website User Terms & Conditions which are also both available on Patrizzi & Co's website at www.patrizziauction.com. It is very important for you to carefully read such Conditions of Sale, as well as such Website User Terms & Conditions, before carrying out any transaction with Patrizzi & Co or using Patrizzi & Co's website or attempting to do either.

The Buyer

THE BENEFITS
NO BUYER'S COMMISSION
This represents the saving to buyers of between 20–25% of the hammer price, which most other major auction houses' charge.

FIVE YEAR GUARANTEE OF AUTHENTICITY
This guarantee eliminates what is often perceived to be the "risk factor" in buying important pieces via the Internet and includes an accurate and very detailed description of the quality of the piece(s) being purchased.

A CHOICE OF CATALOGS
Clients have a choice of purchasing a special commemorative catalog or a digitally printed color catalog or downloading their own personalized version of the online catalog onto their computer or new generation e-Book. Personalized catalogs also include a reference to the Conditions of Sale, to the Auction Guide, to the Website User Terms & Conditions, as well as all other elements of information which are useful to prospective bidders, buyers and/or sellers.

LOT DESCRIPTIONS
Provide technical data which is compiled for each lot in the sale and which are often enhanced by historical or biographical comments, as well as by illustrations.

- Estimates are listed at the end of each lot description and are an indication of the price range the lot is expected to fetch. Estimates do not include any sales tax or VAT.
- An estimate noted by three stars *** advises clients to contact Patrizzi & Co for more information.
- Condition Reports may be given for each lot in the catalogue.
- Bidders and buyers are reminded that all lots are sold as shown pursuant to Patrizzi & Co's Conditions of Sale.

AUCTION PREVIEWS
Previews are conducted by Patrizzi & Co prior to each auction and details of these exhibitions are found online at www.patrizziauction.com. Previews are open to the public and free of charge. Prospective buyers are strongly encouraged to view and examine lots offered for sale prior to making their purchases.

REGISTERING TO BID IN THE TRADITIONAL AUCTION
Each client wishing to bid at auction is required to register before the sale and to fill out a registration form. Swiss law requires all persons registering to bid at auction to present a photographic proof of identity in order to receive a bidding number and, on the day of the auction, the bidding paddle. Clients may register in advance during any of the preview exhibitions scheduled prior to the sale or through Patrizzi & Co's Geneva, New York or Milan offices, either in person or by phone. First time buyers are encouraged to register in advance so that the required credit references can be processed in a timely fashion. Clients can also register prior to the sale at the reception desk set-up at the location of the auction.
Clients are able to pick up their bidding paddles on the day of the sale, prior to bidding at the auction, at the reception desk.

BIDDING IN THE SALEROOM
Lots offered for sale are auctioned in numerical order according to their session as they appear in the catalog. Each lot being auctioned is announced by the auctioneer, as well as shown live or illustrated on a screen in the saleroom. Prior to the auction, bidders are strongly advised to either purchase a catalog version of their choice or print out their own personalized catalog using the interactive selection and options provided on Patrizzi & Co's website and to keep it at hand during the duration of the sale for reference.

ABSENTEE BIDDING (WRITTEN BID ORDERS)
If you are unable to bid in person at the auction, you can submit an absentee or written bid order. The Written Bid form can also be found on Patrizzi & Co's website at www.patrizziauction.com and can be requested at preview exhibitions or from any one of Patrizzi & Co's offices. Bid forms should be completed and signed, then faxed to Patrizzi & Co's Geneva, New York or Milan offices.
E-mail bids can only be submitted if they include a scanned version of a valid and legibly signed bid form.
Absentee bids will be processed on your behalf at auction by Patrizzi & Co's staff. This service is free of charge and Patrizzi & Co will execute the bids at the lowest possible price, taking into account any reserve price and other bids. Patrizzi & Co cannot be held responsible for any errors, omissions or late-arriving bids.
In the event that two identical written bids are received, the first bid received by Patrizzi & Co will take preference. It is

very important for the bidder to provide a daytime telephone number in case any part of the bid form is unclear. It is advisable to send the bid form in good time before the auction (at least one business day before the auction), especially for new buyers whose bank references need to be checked.
Bids are to be submitted in the currency of the country where the auction is being held and, if made in another currency, they will be converted into the currency of the country where the auction is being held, using the exchange rate on the business day prior to the auction. Please note that all bid modifications or cancellations must be received in writing at least one business day before the auction.

TELEPHONE BID ORDERS
You can also participate at Patrizzi & Co's auctions by telephone. This service is free of charge and telephone bid orders will be executed by a Patrizzi & Co staff member in the saleroom. Clients are requested to make arrangements for this process at least two business days before the sale by registering online or by means of a separate form. All telephone bids must be confirmed in writing on a completed written bid form. Please provide the telephone number(s) at which you can be reached during the sale. Patrizzi & Co will call you during the auction about 3 to 10 lots before the lot(s) on which you wish to bid. Languages available for telephone bidding at Patrizzi & Co can be English, French, German, Italian, Polish, Dutch.

ONLINE INTERACTIVE AND ABSENTEE BID ORDERS
Patrizzi & Co's secure online interactive bidding system allows prospective buyers to place interactive bids and absentee bids directly through www.patrizziauction.com for all its auctions worldwide. Especially designed to offer the suspense and excitement of an auction room, Patrizzi & Co's online interactive bidding system allows prospective buyers worldwide to bid safely and comfortably as if they were in the saleroom.
The system offers many features to facilitate the online bidding process, such as:

- the lot number with its image and description;
- a countdown icon (adapted to each user's connection speed) indicating the time left for bidding;
- access to a HELP LINE in the event of a connection failure;
- auction monitoring in major currencies, including the bidder's currency of choice;
- view of the paddle number and the location (room or online) of the person bidding at that moment;
- Patrizzi & Co's online interactive bidding system also offers buyers the option to place an online absentee bid. Written absentee bids are accepted by the online server no later than two hours before the start of the live interactive auction, after having already registered.

To help familiarize prospective buyers with Patrizzi & Co's online bidding system, a bidding simulator is available at www.patrizziauction.com.

ONLINE HELP LINE: + 39 02 4548 0754

THE ONLINE BIDDER REGISTRATION
The registration procedure for online interactive bidding and online absentee bidding is similar to that used for telephone and absentee bidding. At Patrizzi & Co's secure website, www.patrizziauction.com, the following steps need to be completed by prospective buyers:

- Register by providing the bidder's name, address, telephone and fax numbers, email address, credit card details and a requested credit limit for online bidding.

NOTE : First time bidders could be required to provide banking references. In some cases, Patrizzi & Co may impose a credit limit to the online applicant, in which case the credit limit will be communicated to the client upon receipt of the registration form.

- Accept Patrizzi & Co's Conditions of Sale, its Website User Terms & Conditions and its Privacy & Security Policy, as well as all other applicable rules and regulations.
- Submit the duly completed registration form to Patrizzi & Co's secure website.
- Approved bidders will receive an email notification with a paddle number and PIN (Personal Identity Number).
- Registered online bidders are strongly encouraged to familiarize themselves with Patrizzi & Co's online interactive bidding by using the auction simulator on www.patrizziauction.com before any auction.

Once the auction catalog is available online, with the use of a paddle number and PIN, prospective buyers can place absentee bids online or bid online at a live interactive auction. Written absentee bids are accepted online only up to two hours prior to the start of the live interactive auction. On auction day, registered online bidders connect to www.patrizziauction.com to follow instructions for live interactive bidding, using their paddle and PIN numbers.
For collectors who simply want to follow the live auction in progress, no advance registration is needed to view a live internet broadcast made available on auction day. For additional information about the online bidding system, terms, conditions of use and Conditions of Sale, please visit www.patrizziauction.com.

BIDDING INCREMENTS
Bidding usually opens at the starting price – reserve, i.e. below or at the low estimate figure of each lot and generally advances in increments of 10%, for example:

Value in Euros:	Increment:
EUR 500 to EUR 1,000	by EUR 50
EUR 1,001 to EUR 2,000	by EUR 100
EUR 2,001 to EUR 5,000	by EUR 200
EUR 5,001 to EUR 10,000	by EUR 500
EUR 10,001 to EUR 20,000	by EUR 1,000

The auctioneer may however adjust the bidding increments, as well as the timing and speed of the selling, at his discretion.

CURRENCY CONVERSION
Auctions in Geneva are conducted in Swiss Francs, in New York in US Dollars and in Milan in Euros. A currency conversion board is made available in each salesroom and online, indicating approximate exchange rates for various major currencies.

SUCCESSFUL BIDS
When the auctioneer's hammer falls, the final bid has been approved and the auctioneer will record the successful bidder's paddle number or the absentee bid number. If your bids have been successful, you will be notified by means of an invoice sent by postal mail (or by fax or e-mail upon request). You are also welcome to call Patrizzi & Co on the day after the auction to request the outcome of your bids.
All lots on sale are the property of third parties on whose behalf they are sold and for whom Patrizzi & Co only acts as an agent.
On the fall of the auctioneer's hammer, liability for the knocked-down lot (or lots) passes to the bidder whose bid has been accepted. The buyer must then take all necessary steps in respect of the lot, in particular all steps relating to such issues as packaging, storage, insurance and transportation. The lots are only delivered to the buyer after the hammer price and all expenses due by the buyer have been paid in full.

SALES RESULTS
Price lists are made available online at www.patrizziauction.com after the end of each auction.

PAYMENT
Payment for purchased lots at any Patrizzi & Co auction is due within five business days of the sale date. Lots can only be collected after the full purchase price and any outstanding expenses have been paid and have cleared.

- Unless specified, buyers are required to pay VAT, as applicable at the place where the auction is being held, on all purchased lots. VAT can be recovered upon proof of export by buyers domiciled abroad. For further information about VAT issues, please contact Patrizzi & Co Srl, Milan, Tel. +39 02 4548 0754
- For information regarding payment policies, please contact Patrizzi & Co Srl, Milan, Tel. +39 02 4548 0754
- Subject to applicable legal provisions on the identification of sources of payments, a payment can be submitted in cash within the limit prescribed by local law, or check. Patrizzi & Co will advise buyers as to such applicable provisions.
- If payment is made via wire transfer, please be certain to add to the invoice total the wire transfer fee (if applicable) imposed by your financial institution.

COLLECTION
For collection of lots purchased, the buyer will need to contact Patrizzi & Co beforehand. Collection of purchased lots ordinarily takes place during business office hours at one of Patrizzi & Co's offices, after the corresponding invoice has been paid in full. For more details, contact Patrizzi & Co.

SHIPPING & INSURANCE
After the buyer has settled the payment of his invoice, Patrizzi & Co may, as an additional service, arrange to have purchased items packed, stored, insured and/or shipped at the buyer's request and expense.

EXPORT OF CULTURAL PROPERTY
Certain lots consigned to us for sale at auction are subject to local laws such as those relating to the International Transfer of Cultural Property as defined by the UNESCO Convention of 14 November 1970, which sets out the measures to be taken in order to prevent the illicit import, export and trading of cultural property. Pursuant to this law, the export of specific items of cultural property must be declared and prior authorization may also be required. Please contact Patrizzi & Co office where the auction takes place for any further information in connection with these rules.

The Seller

CONTRACT
If you are interested in consigning property to Patrizzi & Co, we invite you to contact one of our experts to examine and valuate the goods (see the list of our offices on our website). Special evaluation sessions are also frequently organized in Hong Kong, Geneva, London, Milan and New York. If you are unable to visit one of our offices, you can mail, fax or e-mail a photograph of your property with any pertinent information to one of our experts for examination.
If you decide to sell your property through Patrizzi & Co, a contract will be drafted which describes the lot(s) and establishes the reserve(s), as well as sets forth the Conditions of Sale, as well as any other terms and fees for the services we provide. The reserve is a minimum price for the seller, which is agreed upon between the seller and Patrizzi & Co. A lot cannot be sold at auction below that reserve price.
For auctions at Patrizzi & Co, the seller's profit participation (referred to in the Conditions of Sale as the "Patrizzi Profit Participation") is agreed upon between the Seller and Patrizzi & Co on the basis of a percentage of the difference between the hammer price and the reserve price of the sold lot.
Patrizzi & Co may also charge an insurance premium. If the seller wishes to use his own insurance coverage, a disclaimer letter must be provided to Patrizzi & Co. A fee for catalogue photography may also be applied and any laboratory certification, third party costs for certificates of authenticity, repair and restoration fees may be incurred where applicable.

DELIVERY OF PROPERTY TO PATRIZZI
Property to be delivered for an upcoming auction should be consigned to Patrizzi & Co no later than 45 days prior to the sale date. Patrizzi & Co's staff is at your disposal to help arrange the delivery of property to Patrizzi & Co. Please do not hesitate to call Patrizzi & Co office closest to you.

PRE-AUCTION NOTIFICATION
For items sold at auction, each seller will receive a statement indicating the lot number(s) and reserve(s) for their property included in the sale.

POST-AUCTION NOTIFICATION
Shortly after the sale, sellers will receive a notification of the outcome of their property's sale.

PAYMENT
Payment will be sent to sellers within approximately 40 days of the day of the sale, provided that the full purchase price of the lot(s) has been settled by the buyer(s).
Sellers should be aware that all unsold lots which have been imported into the country in which the auction is being held and which are not collected or re-consigned within 30 days of the date of the sale will be asked to pay Euros 10,00 per day as deposit.

Important Notices

STATEMENT OF CONDITION
Before the sale, all lots may be examined, during the exhibition times listed online. Buyers, including, without limitation, bidders' representatives and their agents, are understood to have examined all lots which they purchase and to accept them as they are at the moment of "knock-down" and sale, and not necessarily as described in any written material or oral communications. Those persons interested in purchasing any of the lots being sold shall be responsible for examining the lots personally in order to check their actual condition.

APPROXIMATE EURO EXCHANGE RATES
At the time of publishing this Auction Guide, the following approximate exchange rates were applicable:
€ 1 = US$: 0,67, SFr: 0,66, UK£: 1.12, Yen: 135, HK$: 9.60

Please note that the above information is purely indicative and intended as a guide only. Consequently, the above rates should NOT be taken into consideration at the time of the auction, nor for any bidding purposes. Patrizzi & Co declines any responsibility regarding these exchange rates.

IMPORT/EXPORT RULES AND TAXES
The Buyer is solely responsible for complying with all import or export rules which apply to the lots purchased, as well as for the payment of all applicable import and export duties and taxes relating to the lots purchased.

IMPORTANT NOTICE ABOUT EXPORTING WATCHES AND/OR WATCH STRAPS WITH MATERIALS FROM ENDANGERED SPECIES
As many watches offered for sale have straps that may be made of protected animal materials, such as alligator, crocodile or lizard, the straps will be removed from any watches that are to be shipped unless requested otherwise by the buyer. Prospective buyers are advised, however, that several countries completely prohibit the importation of property containing such materials, as well as of watches containing other materials, such as ivory, coral or tortoiseshell.
Accordingly, clients should familiarize themselves with relevant customs regulations prior to bidding on watches containing the above mentioned straps and/or materials intended for import into another country.

IMPORTANT NOTICE ABOUT IMPORTING INTO THE USA OF CORUM, ROLEX, PIAGET OR FRANCK MULLER WATCHES
Patrizzi & Co cannot arrange for the delivery of Corum, Rolex, Piaget or Franck Muller watches to the United States because U.S. law restricts the import of Corum, Rolex, Piaget or Franck Muller watches. The buyer or a designated agent may collect the property in the country of sale.

Auction Calendar



NEW YORK, 14 DECEMBER 2009

IMPORTANT POCKET WATCHES
VINTAGE & MODERN
WRISTWATCHES

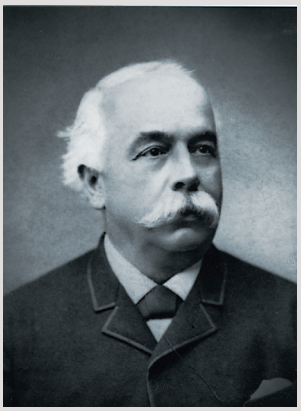
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FIRST SESSION STARTS AT 4:00 pm



Edouard Heuer



Charles-Auguste Heuer



Jules-Edouard Heuer

Years of innovation

TAG Heuer's roots go back to 1860 when Edouard Heuer founded a watchmaker's workshop in St. Imier, in the Swiss Jura Mountains. Six years later, Edouard Heuer changed the course of watchmaking history forever with his first patented invention: a keyless, crown-operated winding system. A huge success at the Universal Exhibition in Vienna, this new generation of timepieces was soon among the most coveted in the world. In 1887, Heuer patented the *Oscillating Pinion*, which is still used today in mechanical chronographs. When powerful American manufacturers moved aggressively into the European market, Edouard Heuer and later his sons Jules-Edouard and Charles-Auguste responded by pushing through innovations in every area of timepiece design, engineering and manufacturing.

A history of essential time-keeping

In 1911, Heuer received a patent for the *Time of Trip*, the first dashboard chronograph. Designed for use in cars and planes, it has two large hands mounted from the center pinion indicating the time of day (as on a traditional clock) and a small pair of hands mounted at the top of the dial indicating the duration of the trip (up to 12 hours). This innovation was a great success with flying clubs. In 1919, the Zeppelin Z.R. III, with a *Time of Trip* on board, flew 8,106 kilometers across America.

In 1933, Heuer introduced the *Autavia* (*Auto/Avia*tion), a dashboard clock used for cars and planes. The companion *Hervue* was a clock that could run for eight days without being wound. Then in 1958, Heuer introduced a new line of dashboard timepieces including the *Master Time* (eight-day clock), the *Monte Carlo* (12-hour stopwatch), the *Super Autavia* (full chronograph), the *Sebring* (60-minute, split second timer) and the *Auto-Rallye* (60-minute stopwatch). Heuer continued to manufacture of these dashboard timepieces into the 1980s.



EDOUARD HEUER
1840-1892



JULES-EDOUARD
1864-1911



CHARLES-AUGUSTE
1871-1923



CHARLES-EDOUARD
1896-1974



HUBERT
1901-1978



JACK WILLIAM
**1932*



Chronograph
Catalog
"1972"

Wristwatches for Sports Enthusiasts

Heuer introduced its first wrist chronograph in 1914. Adapted from pocket chronographs, the crown was at 12 o'clock. In 1916, Heuer patented the *Micrograph*, the world's first mechanical stopwatch accurate to a hundredth-of-a-second (in 1916 accuracy to a fifth-of-a-second was the norm). This new development revolutionized science, industry and watchmaking, and made Heuer the natural choice as the official timekeeper for the 1920 Olympic Games.

Heuer was popular among automobile racers, both professional and amateur. Since the company was a leading producer of stopwatches and timing equipment, it was only natural that racers, their crews and event sponsors began to wear Heuer's chronographs. Special versions of Heuer chronographs were produced with logos for the Indianapolis Motor Speedway, as well as racing teams and sponsors such as Ferrari. In the mid-1940s, Heuer expanded its line of chronographs to include both two- and three-register models, as well as a three-register chronograph that included a full calendar function. These triple calendar chronographs were offered in stainless steel, 14 carat gold and 18 carat gold cases.

In the early 1950s, Heuer produced watches for American retailer Abercrombie & Fitch. The *Seafarer* was the first sailing chronograph with tide indicator and chronograph functions as well as phases of the moon. The company also produced a version of the *Seafarer* called the *Mareographe* for sale under the Heuer name.









In 1962, Heuer became the first Swiss watchmaker in space. John Glenn wore a Heuer stopwatch when he piloted the first US manned space flight to orbit the earth. This stopwatch was the back-up timepiece for the mission and was started manually by Glenn 20 seconds into the flight. This same year the *Autavia* chronograph was introduced featuring a rotating bezel, marked in either hour, minutes, decimal minutes (hundredth-of-a-minute increments) or with a tachymeter scale. The all manual-wind *Autavia* from the 1960s had a black dial with white registers. Early cases had a screw-back and later models (as of 1968) had a snap-back.[1]

The *Carrera* chronograph, designed by Jack Heuer, was introduced in 1963. A tribute to professional motor racing's most grueling road race, the legendary 1950's Mexican Carrera Panamericana, this amazing piece of unconventional watchmaking technology was worn by countless race drivers, and remains one of Heuer's most iconic creations. The *Carrera* had a very simple design, with only registers and applied markers on the dial. The fixed inner bezel is divided into one-fifth-of-a-second increments. The 1960's *Carreras* were available with a variety of dials including white registers on a black dial, and black registers on a black dial. A three-register, triple calendar version of the *Carrera* was introduced around 1968.[2]

In the mid-1960s, Heuer was part of a partnership (Dubois Dépraz, Breitling, Hamilton-Büren and Heuer) that sought to introduce the world's first automatic chronograph. Most agree that the Heuer-Breitling venture was the first to introduce a new line of automatic chronographs in March 1969. In the early 1970s, Heuer expanded its line of automatic chronographs to include the *Daytona, Montreal, Silverstone, Calculator, Monza* and *Jarama* models, all of them powered by the Caliber 12 movement and inspired by motor racing. Several of these chronographs are associated with automobile racing and specific drivers. Steve McQueen wore a blue *Monaco* in the 1971 movie, Le Mans (this model is now referred to as the *McQueen Monaco*) and Swiss Formula One star, Jo Siffert, regularly wore a white-dialed *Autavia* with black registers.

In 1975, Heuer introduced the *Chronosplit*, the world's first quartz wrist chronograph with a double digital display: LED and LCD. Later versions featured two LCD displays.
In the mid-1970s, Heuer introduced a series of chronographs powered by the Lemania 5100 movement. The Lemania 5100 movement has the minute hand of the chronograph on the center pinion, which greatly improved legibility.[3]

TAG Heuer was formed in 1985 when TAG (Techniques d'Avant Garde), manufacturers of high-tech items for Formula One, acquired Heuer, so continuing the company's obsession with ultimate precision and its deep love of prestigious sports as reflected by its 6-year partnership with 2008 Formula 1 World Champion, Vodafone McLaren Mercedes driver Lewis Hamilton and its 25-year partnership with team McLaren and drivers Lewis and Heikki Kovalainen as well as 2007 F1 World Champion and Scuderia Ferrari F1 driver Kimi Räikkönen, and other sports personalities such as world champoin golfer Tiger Woods and WTA tennis star Maria Sharapova.

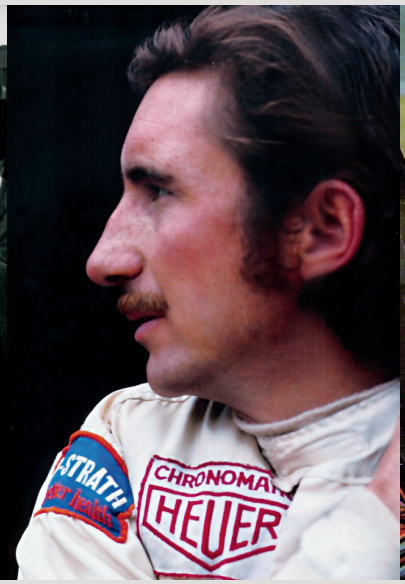
[1]Heuer's first automatic chronographs were the Autavia, Carrera and Monaco. These were powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT / second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding crown was on the left, with the pushers for the chronograph on the right. The earliest of Heuer's Cal 11 chronographs (from 1969) were named "Chronomatic".

[2]Most of Heuer chronographs of the 1950s and '60s used movements manufactured by Valjoux, including the Valjoux 72 movement (12-hour chronograph) and the Valjoux 92 movement (30-minute or 45-minute chronograph). The Valjoux 72 movement used a "tri-compax" design, with three registers on the dial, one register for the chronograph hours (at 6 o'clock), one register for the chronograph minutes (at 3 o'clock), and a third register for a continuously running second hand (at 9 o'clock). The chronograph second hand was mounted on the center pinion along with the time-of-day hands.

[3]The Lemania 5100 movement is considered very rugged and has been used in a variety of chronographs issued to military pilots. There are eight models of TAG Heuer chronographs powered by the Lemania 5100: Reference 510.500 (stainless steel), 510.501 (black coated), 510.502 (olive drab coated) and 510.503 (pewter coated), as well as models called *Silverstone* (steel case with black dial) and *Cortina* (steel case with blue dial); the Reference 510.543 was made for the A.M.I. (Italian Air Force) and a special edition (with no reference number marked on the case) was made for AudiSport.



| Juan-Manuel Fangio



| Jo Siffert



| Tony Adamowicz



| Ayrton Senna



| Bruce McLaren



| Phil Hill



| Alain Prost

Ref.: www.onthedash.com - Jeffrey M. Stein, Atlanta, Georgia

THE HEUER AMBASSADORS



Jacky Ickx |



Jochen Rindt |



Mika Hakkinen |



Jody Scheckter |





Dan Gurney |



Emerson Fittipaldi |

AUTAVIA

In 1933, Heuer introduced the *Autavia* (*Auto/Avia*tion), a dashboard clock used for cars and planes – combining the two major interests of the brand – the production of timekeeping instruments for motorsport and the manufacture of cockpit instruments for aviation. The companion *Hervue* was a clock that could run for eight days without being wound. Then in 1958, Heuer introduced a new line of dashboard timepieces including the *Master Time* (eight-day clock), the *Monte Carlo* (12-hour stopwatch), the *Super Autavia* (full chronograph), the *Sebring* (60-minute, split second timer) and the *Auto-Rallye* (60-minute stopwatch). Heuer continued to manufacture of these dashboard timepieces into the 1980s.

The *Autavia* wrist chronograph was first introduced in 1962, with model name "Autavia" set above the brand name "Heuer" on the dial, and so becoming the first model of the Heuer wristwatch series. This same year the *Autavia* chronograph was introduced featuring a rotating bezel, marked in either hour, minutes, decimal minutes (hundredth-of-a-minute increments) or with a tachymeter scale.

The all manual-winding 1960's *Autavia* had black dials with white registers. Early cases had a screw-back and later models (as of 1968) had a snap-back. These TAG Heuer cutting-edge chronographs soon appeared on the wrists of famous people around the world, including: Harry S. Truman, Dwight D. Eisenhower, Henry Ford, Prince William of Sweden, King Bhumibol of Thailand, and many sports personalities such as Swiss Formula One driver Jo Siffert.

In the mid-1960s, Heuer had been part of a partnership (Dubois Dépraz, Breitling, Hamilton-Büren and Heuer) that sought to introduce the world's first automatic chronograph. The initial prototype promised success. The so-called "Chronomatic" – named after the combination of the terms "chronograph" and "automatic" exceeded all expectations. The declared objective of this partnership focused on being the first to present this unique product and to win the race against time and Zenith and their El Primo range.[1]

The prototypes and the first production run were named "Chronomatic Heuer". "Autavia" was placed on the lower third of the dial just above the date window. Willy Breitling then asked Heuer if he could use the word "Chronomatic" for his new range and Jack Heuer agreed and subsequently removed the word "Chronomatic" from the dial while repositioning the model name "Autavia" on top of the Heuer logo.[1]
The Autavia was a fascinating new product – shockproof and waterproof to a depth of 100 meters. The rotating bezel with a 60-minute or 12-hour register qualified the watch for unconventional tasks. For this reason, it was recommended for pilots, racing car drivers, divers, and researchers. The clear black dial design with contrasting subregisters provided virtually unmatched legibility. Soon a watch-hand indicating GMT (Greenwich Mean Time) was added – a 24-hour rotating bezel, with a new red hour-hand, made it possible to measure time in a second time-zone without interfering with the chronograph's functionality.[1]

The 1969 *Autavia* was launched powered by the new Chronomatic Calibre 11, the first chronograph movement with an automatic micro-rotor mechanism. Heuer's first automatic chronographs were the Autavia, Carrera and Monaco. These were powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT/second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding

crown was on the left, with the pushers for the chronograph on the right. The earliest of Heuer's Cal 11 chronographs (from 1969) were named "Chronomatic".

In the early 1970s, Heuer expanded its line of automatic chronographs to include the *Daytona*, *Montreal*, *Silverstone*, *Calculator*, *Monza* and *Jarama* models, all of them powered by the Caliber 12 movement and inspired by motor racing. Several of these chronographs are associated with automobile racing and specific drivers.

In 1972 Heuer made a promotion with the Viceroy racing team in the US enabling purchasers of Viceroy cigarettes to obtain a Heuer Autavia ref 1163 with black dial for $ 88 (about a third of the retail price). The viceroy model had a tachymeter instead of the minutes/hour bezel. The promotion was a huge success and 1163 V cases were ordered in large quantities and used for this and other Autavia models during this period.

Some 30 years later, TAG Heuer launched a boxed-set limited edition of the now iconic Autavia consisting of a wrist-chronograph and a dashboard stopwatch.

[1] *Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*

Note: Most of Heuer chronographs of the 1950s and '60s used movements manufactured by Valjoux, including the Valjoux 72 movement (12-hour chronograph) and the Valjoux 92 movement (30-minute or 45-minute chronograph). The Valjoux 72 movement used a "tri-compax" design, with three registers on the dial, one register for the chronograph hours (at 6 o'clock), one register for the chronograph minutes (at 3 o'clock), and a third register for a continuously running second hand (at 9 o'clock). The chronograph second hand was mounted on the center pinion along with the time-of-day hands.



Chronosport
Catalog
"1969 - 1970"

LOT 1
"BICOLOR 30-MIN REGISTER" AUTOMATIC AUTAVIA
HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 15630, MADE IN THE 1970s
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute register, and date

FUNCTIONS: Self-winding, chronograph, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating black bezel graduated to 60 minutes/seconds and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Black, matte, with applied orange *bâton* indexes with luminous inserts, outer minutes/chronograph track, bicolor orange/black subsidiary dial for the 30-minute register, subsidiary seconds at 10, aperture for the date at 6
HANDS: Orange *bâton* with luminous inserts, orange chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,800 – 2,200

LOT 2
"RED TRIANGLE" AUTAVIA
HEUER, AUTAVIA, CHRONOGRAPH, CASE NO. 6482, MADE CIRCA 1964
Fine, stainless steel, water-resistant to 200 meters gentlemen's chronograph wristwatch with round pump pushers, and 30-minute register

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial signed Heuer
DIMENSIONS: 38 mm Ø, thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional revolving blue bezel graduated to 60 minutes/seconds with a red triangle at 60, lapidated lugs, screw-down back with sticker
DIAL: Two-tone, black and white, with painted gold-colored *bâton* indexes, outer minutes/chronograph track, sunk *guilloché* dials for the seconds and 30-minute register
HANDS: subsidiary Brown luminous *bâton,* stainless steel chronograph hand with arrow
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good, bezel slightly scratched
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 3
"BROWN DIAL" GMT AUTAVIA
HEUER, AUTAVIA, GMT, "AUTOMATIC CHRONOGRAPH", REF. 11630, CIRCA 1974
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 47 mm Ø, thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating two-tone blue/red bezel graduated to 24 hours, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down case back
DIAL: Two-tone, dark brown and white, matte, luminous *bâton* indexes with red accents, outer minutes/chronograph track, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with luminous and red inserts, yellow 24-hour hand with arrow
MOVEMENT: Cal. 14
CONDITION:
Case: Very good, very slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

LOT 4
"BICOLOR DIAL" AUTAVIA
HEUER, AUTAVIA, CHRONOGRAPH, REF. 2446, CASE NO. 49403, MADE IN THE 1960s
Fine, stainless steel, water resistant to 330 ft gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case and movement signed Heuer, case signed Ed. Heuer & Co. SA
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Three-part, polished, bidirectional revolving black bezel graduated to 12 hours, faceted lugs, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel faceted *bâton* indexes, outer minutes/chronograph track, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Valjoux 726
CONDITION:
Case: Very good, bezel slightly scratched
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,500 – 2,000


AUTAVIA
AUTOMATIC CHRONOGRAPH
27

1


AUTAVIA

2


AUTAVIA
GMT
AUTOMATIC CHRONOGRAPH
3

3


AUTAVIA

4

LOT 5

"RED TRIANGLE" AUTOMATIC AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 11630, MADE CIRCA 1970

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 12-hour and 30-minute registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating black bezel graduated in meters with red triangle and red 40, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back, sticker on the back
DIAL: Two-tone, black and white, matte, with painted luminous *bâton* indexes with orange accents, outer minutes/chronograph track, bicolor orange/white subsidiary dial for the 30-minute register, subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: Orange *bâton* with luminous inserts, orange chronograph hand
MOVEMENT: Cal. 12
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,900 – 2,300

LOT 6

AUTAVIA MADE FOR TURLER

HEUER, AUTAVIA CHRONOGRAPH, REF. 2446, CASE NO. 89933, RETAILED BY TURLER, MADE IN THE 1960s

Fine, stainless steel, water-resistant to 330 ft gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and decompression time bezel

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial and case signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Three-part, polished, bidirectional revolving black bezel graduated to 60 minutes/seconds, faceted lugs, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel faceted *bâton* indexes, outer minutes/chronograph track, subsidiary dials for the seconds, 30-minute and 12-hour registers
HANDS: Stainless steel luminous *bâton*
MOVEMENT: Cal. Valjoux 72
CONDITION:
Case: Very good, bezel slightly scratched
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,800 – 2,200

LOT 7

"3 REGISTERS" GMT AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", MADE CIRCA 1976

Fine, cushion-shaped, stainless steel, water-resistant to 330 ft, gentlemen's chronograph wristwatch with round pump pushers, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Chronograph, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial and case signed Heuer
DIMENSIONS: 40 mm Ø, thickness 14 mm
CASE: Three-part, polished, bidirectional rotating two-tone blue/red bezel graduated to 24 hours, faceted lugs, snap-on back
DIAL: Two-tone, black and white, matte, with luminous *bâton* indexes with red accents, outer minutes/chronograph track, sunk subsidiary dials for the small seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with luminous inserts, red 24-hour hand with arrow
MOVEMENT: Cal. Valjoux 72
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 3,000 – 3,500

LOT 8

"YELLOW 24-HOUR HAND" GMT AUTAVIA

HEUER, AUTAVIA, GMT, "AUTOMATIC CHRONOGRAPH", REF. 11630, MADE CIRCA 1972

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, GMT bezel, 24-hour indication, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 47 mm Ø, thickness 15 mm
CASE: Three-part, polished and brushed, unidirectional rotating two-tone blue/red bezel graduated to 24 hours, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, black and dark brown, matte, with stainless steel *bâton* indexes, outer minutes/chronograph track, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with luminous inserts, yellow 24-hour hand with square luminous insert
MOVEMENT: Cal. 14
CONDITION:
Case: Very good, very slight scratches Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,400 – 1,800



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LOT 9

"BLACKENED" AUTOMATIC AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 11063V, CIRCA 1974

Fine, cushion-shaped, blackened and matted steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 12-hour and 30-minute registers, date and a blackened and matted steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 43 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, blackened and matted, unidirectional rotating bezel graduated to 60 seconds/minutes and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down case back
DIAL: Dark green, with applied stainless steel *bâton* indexes with luminous inserts, outer minutes/chronograph track, subsidiary dial for the 30-minute register at 3, divided into 5-min sectors, subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good — Dial: Very good
Hands: Very good — Movement: Very good
ESTIMATE: EUR 1,400 – 1,800

LOT 10

"SNAP-ON BACK" AUTAVIA

HEUER, AUTAVIA, CHRONOGRAPH, REF. 2446, MADE CIRCA 1964

Fine, stainless steel, water-resistant to 330 ft gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 400 units and 30-minute register

FUNCTIONS: Chronograph, tachometer, 30-minute register, hours, minutes, small seconds
SIGNED: Dial and case signed Heuer
DIMENSIONS: 38 mm Ø, thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional revolving black bezel displaying the tachometer graduation to 400 units, faceted lugs, snap-on back
DIAL: Two-tone, black and white, with applied stainless steel faceted *bâton* indexes, outer minutes/chronograph track, sunk subsidiary dials for the small seconds and 30-minute register
HANDS: Stainless steel luminous *bâton,* white chronograph
MOVEMENT: Cal. Valjoux 724
CONDITION:
Case: Good, scratches on the back and sides — Dial: Very good
Hands: Very good, slight scratches — Movement: Good
ESTIMATE: € 1,400 – 1,800

LOT 11

"SILVER DIAL" AUTOMATIC AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 15630, MADE IN THE 1970s

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 400 units, 30-minute register, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 400 units, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating black bezel with tachometer graduated to 400 units, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Silvered, brushed, with applied orange *bâton* indexes with luminous inserts, outer minutes/chronograph track, bicolor orange/black subsidiary dial for the 30-minute register, subsidiary seconds at 10, aperture for the date at 6
HANDS: Orange *bâton* with luminous inserts, orange chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, slight scratches on the back — Dial: Very good
Hands: Very good — Movement: Very good
ESTIMATE: € 1,800 – 2,200


AUTAVIA
HEUER
AUTOMATIC
CHRONOGRAPH
21

9


TACHYMETER
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AUTAVIA
HEUER

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TACHYMETER
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HEUER
AUTAVIA
AUTOMATIC
CHRONOGRAPH
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LOT 12
"BLACK DIAL" AUTAVIA
HEUER, AUTAVIA, CHRONOGRAPH, REF. 2446, CIRCA 1964
Fine, stainless steel, water-resistant to 330 ft gentlemen's chronograph wristwatch with round pump pushers, rotating black bezel and 45-minute register

FUNCTIONS: Chronograph, 45-minute register, hours, minutes, small seconds
SIGNED: Dial and case signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 38 mm Ø, thickness 15 mm
CASE: Three-part, polished, bi-directional revolving black bezel graduated to 12 hours, lapidated lugs, screw-down back
DIAL: Two-tone, black and white, matte, with applied stainless steel faceted *bâton* indexes, outer minutes/chronograph track, sunk subsidiary dials for the seconds and 45-minute register
HANDS: Stainless steel and luminous *bâton,* white chronograph
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good, slight scratches
Movement: Good
ESTIMATE: € 1,800 – 2,200

LOT 13
"BICOLOR 30-MIN REGISTER" AUTOMATIC AUTAVIA
HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 1163, MADE IN THE 1970s
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bi-directional rotating black bezel graduated to 60 minutes/seconds and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, black and grey, matte, with applied stainless steel *bâton* indexes with luminous inserts and orange accents, outer minutes/chronograph track, bicolor orange/grey subsidiary dial for the 30-minute register, subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: Orange *bâton* with luminous inserts, orange chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,900 – 2,300

LOT 14
"YELLOW HANDS" AUTOMATIC AUTAVIA
HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 1163, MADE IN THE 1970s
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 48 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating black bezel graduated to 60 seconds/minutes and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, black and white, painted luminous *bâton* indexes with orange accents, outer minutes/chronograph track, bicolor orange/white subsidiary dial for the 30-minute register at 3, subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: Yellow *bâton* with luminous inserts, yellow chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 2,400

LOT 15
"3 REGISTERS" AUTAVIA
HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 73663, MADE IN THE 1970s
Fine, cushion-shaped, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating black bezel, 30-minute and 12-hour registers, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial and signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bi-directional rotating black bezel graduated to 60 minutes/seconds and 12 hours, hooded lugs, screw-down back, sticker on the back
DIAL: Two-tone, black and white, matte, with stainless steel *bâton* indexes with luminous inserts and red accents, outer minutes/chronograph track, sunk subsidiary dials for the small seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with luminous inserts, red chronograph
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 2,400


AUTAVIA
HEUER

12


AUTAVIA
HEUER
AUTOMATIC
CHRONOGRAPH
16

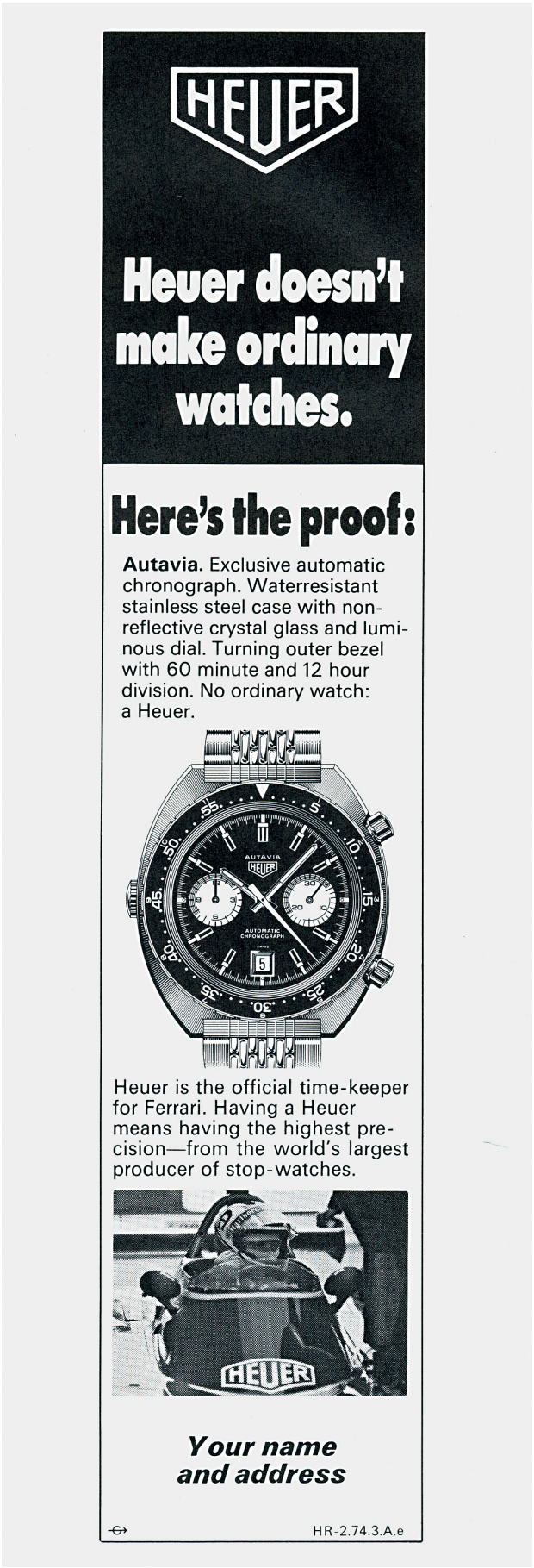
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AUTAVIA
HEUER
AUTOMATIC
CHRONOGRAPH
5

14


AUTAVIA
HEUER

15





LOT 16

"RED HANDS" AUTOMATIC AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 1163, MADE CIRCA 1970

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 400 units, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 400 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bidirectional rotating black bezel displaying the tachometer graduation to 400 units, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, white and black, with applied stainless steel luminous *bâton* indexes and painted red radial hour markers, outer minutes/chronograph track, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Red *bâton* with luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, scratches on the sides — Dial: Very good
Hands: Very good — Movement: Very good
ESTIMATE: € 1,400 – 1,800

Information coming soon



LOT 18

"WHITE DIAL" AUTOMATIC AUTAVIA

HEUER, AUTAVIA, "AUTOMATIC CHRONOGRAPH", REF. 1163, MADE IN THE 1970s

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 400 units, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 400 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bi-directional rotating black bezel with tachometer graduated to 400 units, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, off-white and black, matte, with applied stainless steel faceted *bâton* indexes with blue accents, outer minutes/chronograph track, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with luminous inserts, blued steel chronograph
MOVEMENT: Cal. 11
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: EUR 2,000 – 2,400

SOLUNAR • MAREOGRAPHE • SEAFARER

In all sporting fields, from the racetrack to the water, and even despite the Great Depression, Heuer continued to innovate. Since regatta timekeeping in the 1920s, on the company's local lake, Lake Geneva, sailing has inspired the company to use new materials and create new sailing functions. In the 1940s, Heuer launched the innovative Solunar, which even let fishermen know when fish were feeding!

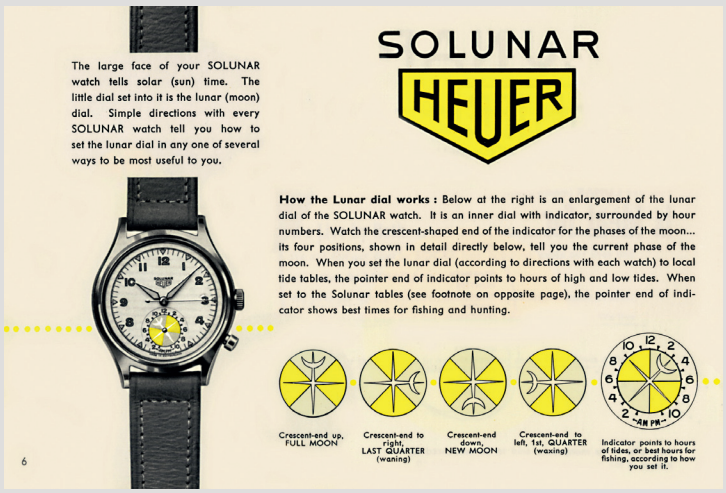
Sailors use lunar time to check tides and tidal differences. Lunar time is also used by anglers, hunters, and naturalists. This time is based on the "solunar" theory of J Alden Knight, who published lunar tables in 1930. These tables give a daily forecast for the feeding times of fishes and game and hence the most favourable times for fishing and hunting.

The large face Solunar also told lunar time, which was extremely useful to anyone needing information on tides. A special dial at 6 o'clock with lunar indicator (showing full moon, waning moon, new moon and waxing moon), surrounded by a.m. and p.m. hour-numerals and set to the local tide tables, allowed you to check the best times for hunting and fishing.

In 1950, Heuer unveiled its patented Mareographe, a unique sailing chronograph derived from the earlier Solunar watch. The chronograph included a unique indication that was not found in other brand's chronographs; a tide indication and a five-minute countdown function for sailing competitions. The dial on the left at 9:00 (nine o'clock), showed when high and low tides occur. Specifically, the cross in the center of this dial indicated the times for high and low tides, with the disc turning to match the moon's orbit. Accordingly, the points of the cross were not 12 hours apart, but actually 12 hours and 25 minutes apart, to correspond to the cycle between high and low tides. The pusher on the left was used to set the disc for the correct high tide/low tide times in a particular location, and the disc then rotated to remain accurate.

Most of these tide indication chronographs produced by Heuer were sold by American retailer Abercrombie & Fitch as the Seafarer from the early 1950s through to the mid 1970s. However, Heuer also sold these watches under the Mareographe name. It appears that there were several models/versions of the Seafarer for which there was no Mareographe equivalent and consequently far more Seafarers produced than Mareographes.

Ref.: www.onthedash.com - Jeffrey M. Stein, Atlanta, Georgia



LOT 19
SOLUNAR
HEUER, SOLUNAR, CIRCA 1945-1950
Fine, stainless steel, center-seconds, water-resistant gentlemen's wristwatch with tidal time indication

FUNCTIONS: Tidal time, hours and minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 31 mm Ø, thickness 7 mm
CASE: Two-part, polished and brushed, sloped stepped bezel, concave faceted lugs, corrector on the band at 4, screw-down back
DIAL: Off-white, *satiné*, with radial Arabic numerals, outer silvered ring with minute/second track, multicolor subsidiary dial for the hours of tides
HANDS: Blued steel alpha with luminous inserts
MOVEMENT: Cal. Valjoux 90
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Good, needs to be serviced
ESTIMATE: € 1,900 – 2,300





LOT 20
SOLUNAR
HEUER, SOLUNAR, CIRCA 1950
Fine, stainless steel, center-seconds, water-resistant gentlemen's wristwatch with phases of the moon, tidal time indication, and a stainless steel Heuer buckle

FUNCTIONS: Phases of the moon, tidal time indication, hours and minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 31 mm Ø, thickness 7 mm
CASE: Two-part, polished and brushed, sloped stepped bezel, concave faceted lugs, corrector on the band at 4, screw-down back
DIAL: Off-white, *satiné*, gilt Arabic hours with gilt triangular accents, outer silvered ring with minutes/seconds track, bicolor green/blue subsidiary dial for the phases of the moon and hours of tides
HANDS: Gilt alpha with green inserts
MOVEMENT: Cal. Valjoux 90
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,600 – 2,000



LOT 21

ABERCROMBIE & FITCH SEAFARER

HEUER, SEAFARER, CHRONOGRAPH, RETAILED BY ABERCROMBIE & FITCH CO. IN NEW YORK, MADE IN THE 1950s
Fine, stainless steel, center-seconds, water-resistant gentlemen's chronograph wristwatch with phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers, hours, minutes
SIGNED: Dial signed Abercrombie & Fitch Co., case and movement signed Heuer-Leonidas SA
DIMENSIONS: 33 mm Ø, thickness 8 mm
CASE: Two-part, polished and brushed, sloped bezel, faceted lugs, corrector on the band at 9 to set the disk for the correct high tide/low tide times in a particular location, screw-down back
DIAL: Off-white, matte, gilt Arabic hours with triangular accents, outer minutes/seconds track, multicolor sunk subsidiary dials for the phases of the moon and hours of tides at 9, 30-minute register with regatta starting time at 3, and 12-hour register at 6
HANDS: Gilt *bâton* with luminous inserts
MOVEMENT: Cal. Valjoux 721
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, patina
Hands: Good, slightly oxidized
Movement: Very good
ESTIMATE: EUR 2,500 – 3,000

LOT 22

ABERCROMBIE & FITCH SEAFARER

HEUER, SEAFARER, CHRONOGRAPH, RETAILED BY ABERCROMBIE & FITCH CO. IN NEW YORK, MADE IN THE 1950s
Fine, stainless steel, center-seconds, water-resistant gentlemen's chronograph wristwatch with phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers, hours and minutes
SIGNED: Dial signed Abercrombie & Fitch Co., case and movement signed Heuer-Leonidas SA
DIMENSIONS: 31 mm Ø, thickness 7 mm
CASE: Two-part, polished and brushed, flat bezel, concave faceted lugs, pusher on the band at 9 to set the disk for the correct high tide/low tide times in a particular location, screw-down back
DIAL: Silvered, *satiné*, applied stainless steel *bâton* indexes with triangular accents, outer minutes track, outermost minute/chronograph track, bicolor white/blue sunk subsidiary dials for the phases of the moon and hours of tides at 9, 30-minute register with regatta starting time at 3, and 12-hour minute register at 6
HANDS: Stainless steel *dauphine* with luminous inserts, blue chronograph hand
MOVEMENT: Cal. Valjoux 721
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: EUR 3,000 – 3,500





LOT 23
MAREOGRAPHE

HEUER, *MAREOGRAPHE*, CHRONOGRAPH, MADE IN THE 1950s
Fine, stainless steel, center-seconds, water-resistant gentlemen's chronograph wristwatch with phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, phases of the moon, tidal time indication, regatta starting time, 30-minute and 12-hour registers, hours, minutes
SIGNED: Dial, case and movement
DIMENSIONS: 31 mm Ø, thickness 7 mm
CASE: Two-part, polished and brushed, sloped bezel, concave lugs, pusher on the band at 9 to set the disc for the correct high tide/low tide times in a particular location, screw-down back
DIAL: White, *satiné*, Arabic hours with triangular accents, outer minutes/chronograph track, bicolor white/blue and blue/green sunk subsidiary dials for the phases of the moon and hours of tides at 9, 30-minute register with regatta starting time at 3, and 12-hour minute register at 6
HANDS: Gilt *bâton* with green inserts, blued steel chronograph hand
MOVEMENT: Cal. Valjoux 721
CONDITION:
Case: Very good, micro scratches on the back
Dial: Very good
Hands: Good, slightly oxidized
Movement: Good, needs to be serviced
ESTIMATE: EUR 2,000 – 2,500

MONACO

The *Monaco* was launched in 1969 and famously, Steve McQueen chose to wear a blue *Monaco* in the 1971 movie "Le Mans" (this model is now referred to as the *McQueen Monaco*). The Swiss racing driver Jo Siffert was a close friend of Steve McQueen and so when the actor came to star in the film "le Mans" he used his friend as his role model and wore a copy of the race driver's Heuer logoed racing suit as well as insisting on wearing the new Heuer Monaco wristwatch in the film.

In the early 1960s - Jack Heuer had reached an agreement with two other Swiss watch manufacturers to create the world's first automatic chronograph movement. Heuer's first automatic chronographs were the Autavia, Carrera and Monaco powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT/second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding crown was on the left, with the pushers for the chronograph on the right. The earliest of Heuer's Cal 11 chronographs (from 1969) were called "Chronomatic".

The Monaco was the world's first self-winding rectangular chronograph and was launched by Heuer simultaneously in Geneva and New York on 3 March 1969. Even today it is the only square-shaped self-winding chronograph. The Monaco series included both self-winding and hand-wound versions with grey and blue dials. The avant-garde design made the blue Monaco a fashion icon with a unique recognition factor. Good examples are rare and demand far exceeds supply.

In 2001, TAG Heuer launched two new color versions in a numbered series. And in 2002 the company extended the Monaco series with the re-edition of the famous model worn by Steve McQueen in the film "Le Mans" fitted with the TAG Heuer Calibre 17 and the Monaco Gold Chronograph an 18 carat gold C.O.S.C. certified Chronometre.

The 2003 Monaco Sixty Nine Concept Watch was the first reversible watch with two different movements – one side features the Monaco dial with its mechanical hand-wound movement, the other the digital dial of the Microtimer. With its 1/1'000th of a second quartz chronograph movement, it won the desirable Design Prize at the Grand Prix d'Horlogerie de Genève.

TAG Heuer launched a revolutionary Concept Watch at Baselworld in 2004. The mechanical Monaco V4, inspired by the racing engine-like V-formation of the movement's four barrels, overturned basic watchmaking principles by featuring driving belts and ball-bearings instead of the conventional wheels and pinions. A totally new type of watch movement, it received a Red Dot Design Award in 2005.

A year later, the company launched the Monaco Calibre 360 LS (Linear Second) Concept Chronograph in a Limited Edition of 4000 pieces. This was followed in 2009 by the launch of the Monaco Vintage.

Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.



Steve McQueen

STEVE MCQUEEN BIOGRAPHY

Born on March 24, 1930 in Beech Grove, Indiana, McQueen's father left when he was only six months old. Later, while still a young boy, his mother abandoned him and he went to live with his uncle in Missouri. He lived here until he was twelve years old when he left to move in with his mother in Los Angeles who eventually sent him to the Boys Republic, a home for boys in California. McQueen tried to run away but was caught. Later he credited the home for helping him get his life in order.

After leaving the Boys Republic, McQueen joined the Marines, after this there followed a variety of different occupations including working on a ship, working in the oil fields and lumberjacking. He eventually met an actress who encouraged him to take up an acting career.

He was accepted in the New York acting school where he attended school in the day and worked at night as a truck driver. Later he landed a scholarship to the Herbert-Bergoff Drama School. Soon he was on Broadway and it was here he met Neile Adams. They fell in love, married and moved to California. In California, he landed parts in low budget films and then the main character in a TV series, "Wanted: Dead or Alive" which ultimately led to stardom.

McQueen is known as the highest paid movie star of the sixties and seventies. He is also known as one of the best actors in film history and his films are considered classics. Some of his greatest films are *The Great Escape*, *The Sand Pebbles* (Academy award nomination), *Bullitt* (exciting car chase), *The Getaway*, *Papillon, Le Mans* and many, many others.

While filming *The Getaway* he fell in love with his co-star, Ali MacGraw. McQueen and his wife of 15 years split and he and MacGraw married. His career took a dive and he started taking drugs and soon his marriage broke up and he and Ali MacGraw were divorced.

He decided to become a pilot and during this time he met a model named Barbara Minty and they married but shortly after the marriage he discovered he had lung cancer, and with only two months to live he went to Mexico for treatment but died on 7 November 1980 at the age of just 50.

LOT 24

"STEVE MCQUEEN" MONACO

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH", REF. 1133, CIRCA 1969

Fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Two-tone, midnight blue and white, with applied stainless steel faceted *bâton* and square indexes with red accents and luminous dots, outer minutes/chronograph track, white subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500

LOT 25

"METALLIC GRAY DIAL" MONACO

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH", REF. 1533, CIRCA 1970

Fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute register, date and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Chronograph, self-winding, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Two-tone gray, brushed, with applied stainless steel faceted *bâton* with black inserts and luminous dots, outer minutes/chronograph track, gray subsidiary dial for the 30-minute register at 3, subsidiary seconds at 10, aperture for the date at 6, "Monaco" at 9
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good
Dial: Good, parts of the edges with snow flake signs
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

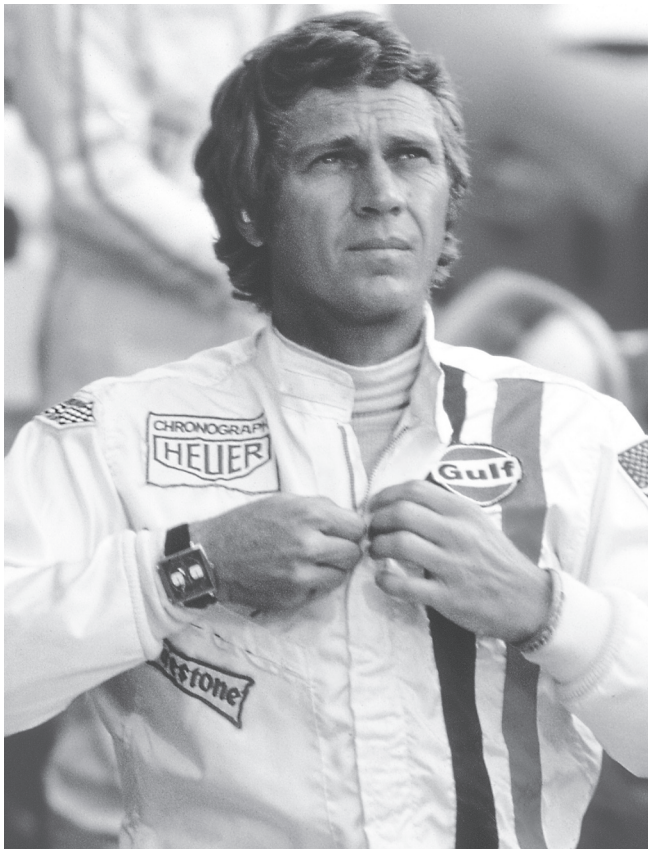
LOT 26

"METALLIC GRAY DIAL" MONACO

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH", REF. 1133, CIRCA 1970

Fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Two-tone, metallic gray and black, brushed, with applied stainless steel faceted *bâton* and square indexes with red accents and luminous dots, outer minutes/chronograph track, black subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000



STEVE MCQUEEN



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LOT 27

"METALLIC BLUE DIAL" MONACO

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH", REF. 1533, CIRCA 1970

Fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute register, date and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Self-winding, chronograph, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Two-tone, metallic blue and white, with applied stainless steel faceted *bâton* with black inserts and luminous dots, outer minutes/chronograph track, white subsidiary dial for the 30-minute register at 3, subsidiary seconds at 10, aperture for the date at 6, "Monaco" at 9
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good
Dial: Good, parts of the edges with snow flake signs
Hands: Very good
Movement: Very good
ESTIMATE: € 2,400 – 2,800

LOT 28

"METALLIC GRAY DIAL" MONACO FOR BUCHERER

HEUER, MONACO, CHRONOGRAPH, REF. 73633, RETAILED BY E. BUCHERER, CIRCA 1974

Fine, square convex, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, patented with spring loaded snap-on pieces
DIAL: Two-tone, metallic gray and black, brushed, with painted white *bâton* and square indexes with red accents, outer minutes/chronograph track, black subsidiary dials for the small seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, slight scratches on one side
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500

LOT 29

"METALLIC GRAY DIAL" MONACO

HEUER, MONACO, CHRONOGRAPH, REF. 73633, CIRCA 1974

Fine, square convex, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, patented with spring loaded snap-on pieces
DIAL: Two-tone, metallic gray and black, brushed, with applied stainless steel faceted *bâton* and square indexes with red accents and luminous dots, outer minutes/chronograph track, black subsidiary dials for the small seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with black and luminous inserts, red chronograph
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500

Monaco



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Steve McQueen

LOT 30

"METALLIC GRAY DIAL" MONACO

HEUER, MONACO, CHRONOGRAPH, REF. 73633, CIRCA 1974

Fine, square convex, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Metallic gray, brushed, with applied stainless steel faceted *bâton* and square indexes with red accents and luminous dots, outer minutes/chronograph track, sunk subsidiary dials for the seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, slight scratches on one side
Dial: Very good, slight spots
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

LOT 31

"METALLIC BLUE DIAL" MONACO

HEUER, MONACO, CHRONOGRAPH, REF. 73633, CIRCA 1974

Fine, square convex, stainless steel, water resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, patented with spring loaded snap-on pieces, sticker on the back
DIAL: Two-tone, metallic blue and black, brushed, with applied stainless steel faceted and stamped *bâton* and square indexes with red accents, outer minutes/chronograph track, black subsidiary dials for the subsidiary seconds, 30-minute and 12-hour registers
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, slight scratches on one side
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

LOT 32

"STEVE MCQUEEN" MONACO

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH" , REF. 1133, TOOL N.033, CASE NO. 6675-3, CIRCA 1965

Fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 38 mm, thickness 14 mm
CASE: Two-part, brushed, slightly sloped bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, patented with spring loaded snap-on pieces
DIAL: Two-tone, midnight blue and white, with applied stainless steel faceted *bâton* and square indexes with red accents and luminous dots, outer minutes/chronograph track, white subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

KENTUCKY



The Kentucky Derby Advertising

Looking to expand its market into other sports' related environments, Heuer began to investigate the horse racing scene, and in particular the famous American Kentucky Derby.

Horse racing in Kentucky dates back to 1789 when the first race course was laid out in Lexington. However, it was almost 100 years later, in 1875 that Churchill Downs officially opened and began its tradition as the "Home of the Kentucky Derby". One of the USA's oldest thoroughbred horse races, the Kentucky Derby is often called "The most exciting two minutes in sports" or "The fastest two minutes in sports". Given this reputation it was not surprising that it came to the attention of Heuer as the perfect name for their new horse racing orientated watch.

The Kentucky Derby is a Grade I stakes race for three year-old thoroughbred horses, held annually in Louisville, Kentucky on the first Saturday of May (at the end of the two-week-long Kentucky Derby Festival). The race is one and a quarter miles (2 km) at Churchill Downs. Colts and geldings carry 126 pounds (57.2 kg) and fillies 121 pounds (54.9 kg). The race is often referred to as "The Run for the Roses" because of the blanket of roses draped over the winner.

From the time the region was first settled, the fields of the Bluegrass Region were noted for producing superior racehorses. In 1872, Col. Meriwether Lewis Clark Jr traveled to England, to visit the famous Epsom Derby, a race that had been running annually since 1780. From there he went to France, where in 1863, a group of racing enthusiasts had formed the French Jockey Club and had organized the Grand Prix de Paris, which at the time was the most important race in France.

Returning home to Kentucky, Clark organized the Louisville Jockey Club for the purpose of raising money to build quality racing facilities just outside the city. The track became known as "Churchill Downs", named after Clark's relatives, John and Henry Churchill, who had provided the land for the racetrack. The racetrack was officially incorporated in 1937.

The Kentucky Derby was first run at 1½ miles (2.4 km), the same distance as the Epsom Derby and the Grand Prix de Paris. In 1896, the distance was changed to its current 1¼ miles (2 km). On 17 May 1875, in front of an estimated crowd of 10,000 people, a field of 15 three-year-old horses contested the first Derby. The inaugural Derby was won by jockey Oliver Lewis on a colt named Aristides.

The 1960s and 70s saw particular world interest in the Kentucky Derby when in 1964 Northern Dancer ran the fastest time ever run in a Kentucky Derby. Nine years later this record was broken when, in 1973, Secretariat set a new all time record: an amazing 1 minute 59 2/5 seconds. Not only has Secretariat's record time stood, but in the race itself, he did something unique in Triple Crown races: his times were faster in each successive quarter!

In addition to the race itself, a number of traditions play a large role in the Kentucky Derby atmosphere. The traditional Mint Julep, an iced drink consisting of bourbon, mint and sugar should be served in an ice-frosted silver julep cup (although most sip theirs from a souvenir glass printed with all previous Kentucky Derby winners). Also, Burgoo, a thick stew of beef, chicken, pork and vegetables, is a popular Kentucky dish served at the Derby.

Heuer introduced the Kentucky chronograph in 1977, using the Valjoux 7750 movement. The hallmark of the Kentucky was its integrated bracelet and horseshoe shaped case stamped on the side with the Heuer logo. The dial was available in dark blue, silver and gold, and black.

The market reacted very positively to this model, especially the steel and gold version with the two small yellow screws and yellow bezel. Other versions used quartz and LCD technology with the dial of the quartz version being available in silver grey, champagne, or black and the dial of the LCD version being available in black only.

The Kentucky was promoted in Heuer catalogs from 1977 to 1978.

LOT 33

BICOLOR QUARTZ KENTUCKY

HEUER, KENTUCKY, REF. 361.705, CIRCA 1978
Fine, two-tone, horseshoe-shaped, stainless steel, center-seconds, water-resistant gentlemen's chronograph wristwatch with date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 44 mm, length 39 mm, thickness 14 mm
CASE: Two-part, brushed and polished, convex bezel with two yellow gold screws and Heuer logo at 6, yellow gold winding crown, snap-on back
DIAL: Silvered, brushed, with applied yellow gold and black *bâton* indexes with luminous dots, outer minute track, aperture for the date at 3
HANDS: Black *bâton* with gold and luminous inserts
MOVEMENT: Quartz, ESA 9361
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 350 – 400



KENTUCKY



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35



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LOT 34
"LCD DIAL" KENTUCKY
HEUER, KENTUCKY, CHRONOGRAPH LCD, REF. 105.703, CIRCA 1978
Fine, two-tone, horseshoe-shaped, stainless steel, water-resistant gentlemen's digital chronograph wristwatch with date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Chronograph, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 44 mm, length 39 mm, thickness 14 mm
CASE: Two-part, brushed and polished, convex bezel with two screws and Heuer logo at 6, snap-on back
DIAL: Black LCD
HANDS: Black *bâton* with gold and luminous inserts
MOVEMENT: Quartz
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 300 – 350

LOT 35
BICOLOR KENTUCKY
HEUER, KENTUCKY, CHRONOGRAPH, AUTOMATIC, REF. 750.705, CIRCA 1978
Fine, two-tone, horseshoe-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, days of the week, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 44 mm, length 39 mm Ø, thickness 14 mm
CASE: Two-part, brushed, convex bezel with two yellow gold screws and Heuer logo at 6, yellow gold chronograph pushers and winding crown, screw-down back
DIAL: Silvered, brushed, with applied yellow gold and black *bâton* indexes with luminous dots, outer minutes/chronograph track, outermost inclined gold ring with tachometer graduation, subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the date and days of the week at 3
HANDS: Black *bâton* with silver and luminous inserts
MOVEMENT: Cal. Valjoux 7750
CONDITION:
Case: Very good, micro scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 36
"BLACK DIAL" KENTUCKY
HEUER, KENTUCKY, CHRONOGRAPH, AUTOMATIC, REF. 750.703, CIRCA 1978
Fine, horseshoe-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, days of the week, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 44 mm, length 39 mm ∅, thickness 14 mm
CASE: Two-part, polished and brushed, convex bezel with two screws and Heuer logo at 6, screw-down back
DIAL: Black, matte, applied stainless steel luminous *bâton* indexes with luminous dots, outer minutes/chronograph track, outermost inclined blue ring with tachometer graduation, subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the date and days of the week at 3
HANDS: White *bâton* with silver and luminous inserts
MOVEMENT: Cal. Valjoux 7750
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,600 – 2,000

LOT 37
"BLUE DIAL" KENTUCKY
HEUER, KENTUCKY, CHRONOGRAPH, AUTOMATIC, REF. 750.703, CIRCA 1978
Fine, horseshoe-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, days of the week, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 44 mm, length 39 mm, thickness 14 mm
CASE: Two-part, polished, convex bezel with two screws and Heuer logo at 6, screw-down back
DIAL: Dark blue, matte, applied stainless steel luminous *bâton* indexes with luminous dots, outer minutes/chronograph track, outermost inclined blue ring with tachometer graduation, subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the date and days of the week at 3
HANDS: White *bâton* with silver and luminous inserts
MOVEMENT: Cal. Valjoux 7750
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

CARRERA

Developed in 1963 and designed by Jack Heuer, the *Carrera* chronograph was first introduced in 1964.

A tribute to professional motor racing's most grueling and dangerous road race, the legendary 1950's Mexican Carrera Panamericana, this piece of unconventional watchmaking technology was worn by countless racing drivers, and remains one of Heuer's most iconic creations. The word "Carrera" means "competition at the highest level" and since the race took place partly on the new Pan-American Highway, an enormous range of temperatures and road conditions challenged drivers and cars alike.

The *Carrera* chronograph had a very simple design, with only registers and applied markers on the dial. The fixed inner bezel is divided into one-fifth-of-a-second increments. The 1960's *Carreras,* introduced in 1964 and used through 1970, were available with a variety of dials and housed manual-winding movements. A three-register, triple calendar version of the *Carrera* was introduced around 1968.

Race Route

Heuer's first automatic chronographs were the Autavia, Carrera and Monaco. These were powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT/second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding crown was on the left, with the pushers for the chronograph on the right.

The Carrera 12 Datos are unique among the Carreras, in that they do not have the "Carrera" name on the dial. Even so, this is how collectors refer to them. The "First execution Carrera 12 Dato" (which has the distinctive fat lugs) was introduced around 1962, before the Heuer "Carrera" existed.

The Carrera 45 Datos have first execution dials (thin, flat polished steel applied markers) and first execution hands (thin polished steel hands, with luminous inserts). Movements are Landeron 189. Cases are the usual "60's Style" (First Major Style), although the case-back is modified to accommodate the slightly deeper Landeron 189 movement.

Heuer introduced the Second Major Style case for the Carrera in 1969, at the same time as it introduced the first automatic Carrera. (This coincided with the introduction of a new style case for the automatic Autavias and the introduction of the Monaco). This Second Major Style of case was used for both automatic and manual-winding Carreras, with the cases being either stainless steel, gold-plated or 18 karat gold.

Panamericana

In 1974, Heuer introduced a Barrel Style Case for automatic Carreras -- a distinctive barrel-shaped case with a brushed finish and covered lugs. These new cases were used for both Caliber 12 and Caliber 15 Carreras, but not for any of the manual models.

In 1978, Heuer introduced its Quartz-Powered Carreras Twin series, described as a new generation of electronic timepieces with combined analog and LCD displays.

In 1996, TAG Heuer revamped the whole *Carrera* range.

Reference: Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.

Accident at Mercedes Team







LOT 38
CARRERA

HEUER, CARRERA, CASE NO. 10229B, CIRCA 1965
Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 45-minute register, date, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 45-minute register, date, hours, minutes
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Silvered, radially brushed, with applied stainless steel faceted *bâton* indexes, outer minutes/chronograph track, luminous dots, sunk subsidiary dial for the 45-minute register, aperture for the red date at 9
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Landeron 189
CONDITION:
Case: Very good, slight scratches on the back and sides
Dial: Good, slight scratches
Hands: Very good
Movement: Very good
ESTIMATE: € 1,900 – 2,300





LOT 39

"SILVER DIAL" CARRERA

HEUER, CARRERA, CHRONOGRAPH, REF. 73453, IN THE 1970s

Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute register, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 500 units, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 38 mm ∅, thickness 14 mm
CASE: Two-part, polished, flat bezel, hooded lugs, screw-down back
DIAL: Two-tone, black and silver, radially brushed, with applied stainless steel and black *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, sunk *guilloché* subsidiary dials for the seconds and 30-minute register, aperture for the date at 6
HANDS: Stainless steel, black and luminous *bâton*, orange chronograph
MOVEMENT: Cal. Valjoux 7734
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: EUR 1,800 – 2,200

LOT 40

Information coming soon

LOT 41
"RED DATE CARRERA"
HEUER, CARRERA, CASE NO. 71828, CIRCA 1964
Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 45-minute register, date, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 45-minute register, date, hours, minutes, small seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel *bâton* indexes, outer minutes/seconds track, luminous dots, sunk subsidiary dials for the seconds and 45-minute register, aperture for the red date at 12
HANDS: Stainless steel luminous *bâton*
MOVEMENT: Cal. Landeron 189
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good, slightly scratched
Movement: Very good
ESTIMATE: € 1,900 – 2,300





LOT 42
"CARRERA FOR TURLER"
HEUER, CARRERA, CASE NO. 67994, RETAILED BY TURLER, MADE CIRCA 1964
Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 45-minute register, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 45-minute register, hours, minutes, small seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Silvered, radially brushed, with applied stainless steel *bâton* indexes, outer minutes/seconds track, luminous dots, subsidiary dials for the seconds and 45-minute register
HANDS: Stainless steel luminous *bâton*
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good
Dial: Good, slight spots
Hands: Very good, slight spots
Movement: Very good
ESTIMATE: € 1,600 – 2,000

LOT43

YELLOW GOLD AUTOMATIC CARRERA

HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", CIRCA 1974

Fine, cushion-shaped, 18K yellow gold, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 44 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished and brushed, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Gold, brushed, with applied yellow gold and black *bâton* indexes, square index at 12, outer minutes/chronograph track, outermost tachometer graduation, sunk *guilloché* subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Yellow gold and black *bâton*
MOVEMENT: Cal. 11
CONDITION:
Case: Good, scratches on the back, small dents on one side
Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: EUR 3,500 – 4,000

LOT 44

Information coming soon

LOT 45

"RED TACHOMETER" CARRERA

HEUER, CARRERA, CHRONOGRAPH, REF. 2447, MADE CIRCA 1964

Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, 30-minute and 12-hour registers, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, tachometer graduated to 200 units, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 36 mm ∅, thickness 13 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: White, *satiné*, with applied stainless steel faceted *bâton* indexes and luminous dots, outer tachometer red graduation, outermost minutes/chronograph track, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Valjoux 72
CONDITION:
Case: Very good, slight scratches on the back and sides
Dial: Good
Hands: Very good
Movement: Very good
ESTIMATE: EUR 1,400 – 1,800

LOT 46

"DARK SILVER DIAL" AUTOMATIC CARRERA

HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", MADE IN THE 1970s

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 200 units, 30-minute and 12-hour registers, date, hours; minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished and brushed, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, white and silver, radially brushed, with applied stainless steel luminous *bâton* indexes, outer minute/second track, outermost tachometer graduation, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White luminous *bâton*, orange chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, scratches on the back
Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: EUR 1,400 – 1,800


CARRERA
HEUER
AUTOMATIC
CHRONOGRAPH
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CARRERA
HEUER

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CARRERA
HEUER
AUTOMATIC
CHRONOGRAPH
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TACHY

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LOT 47

Information coming soon

LOT 48

"DATE AT 9" CARRERA

HEUER, CARRERA, CASE NO. 71828, REF. 3147, CIRCA 1965
Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 45-minute register, date, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 45-minute register, date, hours, minutes
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm ∅, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel faceted *bâton* indexes and luminous dots, outer minutes/chronograph track, sunk subsidiary dial for the 45-minute register, aperture for the red date at 9
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Landeron 189
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Good, slight scratches
ESTIMATE: EUR 1,900 -2,300





LOT 49

TWO-TONE DIAL AUTOMATIC CARRERA

HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", REF. 1153S, CIRCA 1969

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 200 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, brushed, sloped bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, silver and black, radially brushed, with applied stainless steel and black *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Stainless steel luminous *bâton*, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Good, scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,600 – 2,000



LOT 50

"THREE STRAPS BRUSHED DIAL" CARRERA

HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", CIRCA 1974

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute register, date, and a stainless steel Heuer buckle

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished, sloped bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, silver, three brushed straps each in different pattern, with applied luminous stainless steel *bâton* indexes, outer minutes/chronogrraph track, outermost tachometer graduation, subsidiary dial for the 30-minute register at 3, seconds at 10, aperture for the date at 6
HANDS: Yellow luminous *bâton*, yellow chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,600 – 2,000

LOT 51

"BLACK DIAL" CARRERA

HEUER, CARRERA, CHRONOGRAPH, REF. 3647, MADE CIRCA 1965

Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 45-minute register, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 45-minute register, date, hours, minutes, small seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel *bâton* indexes, luminous dots, outer minutes/chronograph track, sunk subsidiary dials for the seconds and 45-minute register, aperture for the red date at 12
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good, slightly scratched
Movement: Very good
ESTIMATE: € 1,600 -2,000





LOT 52

"BLUE DIAL" CARRERA

HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", REF. 1553S, CIRCA 1970

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute register and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, blue and silver, with applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds and 30-minute register, "Carrera" at 9, aperture for the date at 6
HANDS: Stainless steel and luminous *bâton*, orange chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 53
"DARK BLUE DIAL" CARRERA
HEUER, CARRERA, AUTOMATIC CHRONOGRAPH, REF. 1153S, MADE CIRCA 1974
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, brushed and polished, sloped bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: : Two-tone, black and dark blue, with three brushed straps each in different pattern, applied stainless steel luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, sunk subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Yellow and luminous *bâton*, yellow chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,400 – 1,800





LOT 54
"RED TACHOMETER" CARRERA
HEUER, CARRERA, CHRONOGRAPH, REF. 3647, CIRCA 1964
Fine, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, 45-minute register, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, tachometer, 45-minute register, hours, minutes, seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Silvered, *satiné*, with applied stainless steel faceted *bâton* indexes and luminous dots, outer tachometer red graduation, outermost minute/second track, sunk *guilloché* subsidiary dials for the seconds and 45-minute register
HANDS: Stainless steel and luminous *bâton*
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 55
"BICOLOR 30-MIN REGISTER" AUTOMATIC CARRERA
HEUER, CARRERA, "AUTOMATIC CHRONOGRAPH", IN THE 1970s
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 44 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished and brushed, sloped bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, blue and black, radially brushed, with applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, bi-color red/black subsidiary dial for the 30-minute register, black subsidiary dial for the 12-minute register, aperture for the date at 6
HANDS: White and luminous *bâton*, orange chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, slight spots Hands: Very good
Movement: Very good
ESTIMATE: € 1,800 – 2,200

LOT 56
"BICOLOR CARRERA"
HEUER, CARRERA, NO. 120335, CIRCA 1965
Fine, stainless steel and gold plated, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, tachometer with base 1000, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial signed Heuer, case and movement signed Heuer-Leonidas SA
DIMENSIONS: 36 mm ∅, thickness 12 mm
CASE: Two-part, bicolor, gold plated polished case with flat bezel and faceted lugs, stainless steel round pushers, stainless steel screw-down back
DIAL: Silvered, radially brushed, with applied yellow gold and black *bâton* indexes, outer tachometer graduation, outermost minutes/chronograph track, *guilloché* subsidiary dials for the seconds, 12-hour and 30-minute registers
HANDS: Yellow gold, black and luminous *bâton*
MOVEMENT: Cal. Valjoux 72
CONDITION:
Case: Good, signs of use
Dial: Very good, small scratch at 8
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 – 1,500

LOT 57
AUTOMATIC CARRERA
HEUER, CARRERA, AUTOMATIC CHRONOGRAPH, REF. 510.523, CIRCA 1984
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, center 60-minute register and subsidiary 12-hour register, 24-hour indication, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer with base 1000, 60-minute and 12-hour registers, 24-hour indication, date, hours, minutes, small seconds
SIGNED: Dial signed Heuer, movement signed Lemania
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, brushed, slightly sloped bezel, hooded lugs, screw-down back
DIAL: Black, matte, with painted luminescent *bâton* indexes, outer minute/second track, outermost tachometer graduation, sunk subsidiary dials for the seconds at 9 and 12-hour register at 6, 24-hour indication at 12, aperture for the date at 3
HANDS: Bicolor black and white luminous *bâton*, orange chronograph and 12-hour register, orange with arrow for the 60-minute register
MOVEMENT: Cal. Lemania 5100
CONDITION:
Case: Very good, normal wear signs Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,600 – 2,000

LOT 58
"SILVER DIAL" CARRERA
HEUER, CARRERA, AUTOMATIC CHRONOGRAPH, REF. 1553S, CIRCA 1970
Fine, cushion-shaped, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute register and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 38 mm, length 43 mm (lug to lug), thickness 15 mm
CASE: Two-part, polished, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, brushed silver and dark silver, with applied stainless steel and black *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds and 30-minute register, "Carrera" at 9, aperture for the date at 6
HANDS: Black, silver and luminous *bâton*, red chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800


TACHY
CARRERA
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CARRERA
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SKIPPER

Since the early 1950s, Heuer has produced nautical stopwatches and navigation watches. In addition to motor sports, powerboat racing and water sports have always provided an important market for chronographs. For Jack Heuer, it was important that his chronographs had the essential functions relative to the sport for which they were to be used, and were easy to read, shockproof, anti-magnetic and waterproof. As a consequence he invested much time and money in the improvement and development of Heuer waterproof chronographs.

Launched in 1970, the Skipper was so named because the skipper is generally considered the most important person on a sailing vessel and accuracy is the most important element in a nautical piece – making it an essential accessory for any skipper.

Timing and position, in relation to other competitors when crossing the starting line, is crucial to being successful in a sailing regatta. Accurate timekeeping is essential so that the boat can cross the starting line at full tilt and under the best of circumstances, which need the Heuer Skipper fulfills.

The characteristic of the Heuer Skipper is its red, white and blue 15-minute sub-register that shows the time to the "start". A minute-countdown function makes it easy to read the countdown before the start of a race.[1]

All Skipper models are related to the Autavia series and have the same case design. The dials and the blue minutes and hours bezel were used only for the Skipper. Originally only hand-wound, the 1970 catalog shows a black dial and the name "Skipper" above the Heuer logo and beneath the 12 o'clock position.

In 1972 the self-winding version driven by a Caliber 15 automatic movement was launched with "Skipper" at 9 o'clock and a small second dial at 10 o'clock. The Skipper remained successful and was produced until the early 1980s.

[1]*Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*



LOT 59

"BLACK DIAL" SKIPPER

HEUER, SKIPPER, "AUTOMATIC CHRONOGRAPH", REF. 1564, CIRCA 1974

Fine, cushion-shaped, stainless steel, self-winding, water resistant to 330 ft, gentlemen's chronograph wristwatch with round pump pushers, regatta color-coded 15-minute register, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, regatta color-coded 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 43 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bi-directional rotating black bezel graduated to 60 seconds/minutes and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Black and multi-colored, with applied white *bâton* indexes with luminous inserts, outer minutes/chronograph track, tricolor white/red/blue 15-minute register divided into 5-minute sectors showing the time remaining until the start of a regatta, subsidiary seconds at 10, aperture for the date at 6, "Skipper" at 9
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, bezel slightly scratched Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,600 – 2,000



LOT 60

"BLUE DIAL" SKIPPER

HEUER, SKIPPER, "AUTOMATIC CHRONOGRAPH", REF. 15640, CIRCA 1974

Fine, cushion-shaped, stainless steel, self-winding, water-resistant to 330 ft, gentlemen's chronograph wristwatch with round pump pushers, regatta color-coded 15-minute register, date, and decompression time bezel

FUNCTIONS: Self-winding, chronograph, color-coded regatta 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 43 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, bi-directional rotating blue bezel graduated to 60 seconds/minutes and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Blue and multi-colored, with applied stainless steel *bâton* indexes with luminous inserts, outer minutes/chronograph track, tricolor white/red/blue 15-minute register divided into 5-minute sectors showing the time remaining until the start of a regatta, subsidiary seconds at 10, aperture for the date at 6, "Skipper" at 9
HANDS: Stainless steel and luminous Mercedes, red chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,200 – 1,500

LOT 61

"BLACK DIAL" SKIPPER

HEUER, SKIPPER, "AUTOMATIC CHRONOGRAPH", REF. 1564, CIRCA 1974

Fine, cushion-shaped, stainless steel, self-winding, water-resistant to 330 ft, gentlemen's chronograph wristwatch with round pump pushers, color-coded regatta 15-minute register, date, decompression time bezel, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, regatta color-coded 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 43 mm, length 47 mm (lug to lug), thickness 15 mm
CASE: Three-part, polished and brushed, unidirectional rotating black bezel graduated to 60 seconds/minutes and 12 hours, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Black and multi-colored, with applied white *bâton* indexes with luminous inserts, outer minutes/chronograph track, tricolor white/red/blue 15-minute register divided into 5-minute sectors showing the time remaining until the start of a regatta, subsidiary seconds at 10, aperture for the date at 6, "Skipper" at 9
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,400 – 1,800



CALENDAR

By the 1940s, triple-calendar chronographs began to appear. Cases came in steel or gold, with dials ranging from black to copper to white. These are among the most collectible vintage Heuers.

The Heuer Calendar triple date chronograph was available with or without moon phase indicator. The date on the outer part of the dial (set by pressing a small pusher on the lower left of the case) was indicated by a blue pointer. The day and the month were indicated by two apertures in the dial just below 12 o'clock.



Calendar Advertising



LOT 62

PHASES OF THE MOON AND FULL CALENDAR

HEUER, FULL CALENDAR, CASE NO. 121 508, CIRCA 1950
Fine, 18K yellow gold, astronomic, center-seconds gentlemen's wristwatch with phases of the moon, months, days of the week, and date

FUNCTIONS: Phases of the moon, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 6 mm
CASE: Two-part, polished and brushed, stepped bezel, concave rounded lugs, snap-on back, monogram engraved on the back
DIAL: Two-tone, silvered, brushed, with radial gilt Arabic hours, outer minutes/seconds divisions, outermost blue date ring, apertures for the days of the week and months at 12, for phases of the moon at 6
HANDS: Yellow gold *dauphine*, yellow gold date with blue crescent
MOVEMENT: Cal. 1100
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 2,500



LOT 63

YELLOW GOLD FULL CALENDAR

HEUER, FULL CALENDAR CHRONOGRAPH, CASE NO. 80860, CIRCA 1945-1950

Fine, 18K yellow gold gentlemen's chronograph wristwatch with rectangular pump pushers, 30-minute and 12-hour registers, months, days of the week, and date

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 30 mm ∅, thickness 8 mm
CASE: Two-part, polished, sloped bezel, concave faceted lugs, snap-on back with engraved monogram
DIAL: Bi-color, silvered, brushed, with gilt Arabic and dot indexes, outer minutes/chronograph divisions, outermost blue date ring, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the days of the week and months at 12
HANDS: Yellow gold *feuilles*, yellow gold date with arrow
MOVEMENT: Cal. Valjoux 72 C
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: EUR 3,500 – 4,000

LOT 64

Information coming soon



LOT 65

"SILVER DIAL" FULL CALENDAR

HEUER, FULL CALENDAR CHRONOGRAPH, CIRCA 1955
Fine, stainless steel gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, months, days of the week, date, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 31 mm Ø, thickness 8 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Silvered, *satiné*, with stainless steel Arabic and faceted *bâton* indexes, radial luminous dots, outer minutes/chronograph divisions, outermost blue date ring, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the days of the week and months at 12
HANDS: Stainless steel *bâton* with luminous inserts, date with crescent
MOVEMENT: Cal. Valjoux 72 C
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, patina
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500

LOT 66

"YELLOW GOLD - BLACK DIAL" FULL CALENDAR

HEUER, FULL CALENDAR CHRONOGRAPH, CASE NO. 75080, CIRCA 1945-1950
Fine, 18K yellow gold gentlemen's chronograph wristwatch with oval pump pushers, 30-minute and 12-hour registers, months, days of the week, and date

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 8 mm
CASE: Two-part, polished, inclined bezel, concave faceted lugs, snap-on back, dedication engraved on the back "Su digno colaborador / Luis Alberto Veiga / 31-12-1950"
DIAL: Black, *satiné*, with radial gilt Arabic hours, outer minutes/chronograph divisions, outermost date ring, subsidiary sunk dials for the small seconds, 30-minute and 12-hour registers, apertures for the days of the week and months at 12
HANDS: Gilt alpha, date with arrow
MOVEMENT: Cal. Valjoux 72 C
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, patina
Hands: Good
Movement: Very good
ESTIMATE: € 3,500 – 4,000





LOT 67

"SILVER DIAL" FULL CALENDAR

HEUER, FULL CALENDAR CHRONOGRAPH, CIRCA 1945-1950
Fine, stainless steel gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, months, days of the week s, and date

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 30 mm Ø, thickness 8 mm
CASE: Two-part, polished and brushed, sloped bezel, faceted lugs, snap-on back
DIAL: Silvered, brushed, with gilt Arabic and dot indexes, outer minutes/chronograph divisions, outermost date ring, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers, apertures for the days of the week and months at 12
HANDS: Yellow gold *feuilles*, date with blue arrow
MOVEMENT: Cal. Valjoux 72 C
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, nice patina
Hands: Good, slightly oxidized
Movement: Very good
ESTIMATE: € 3,500 – 4,000

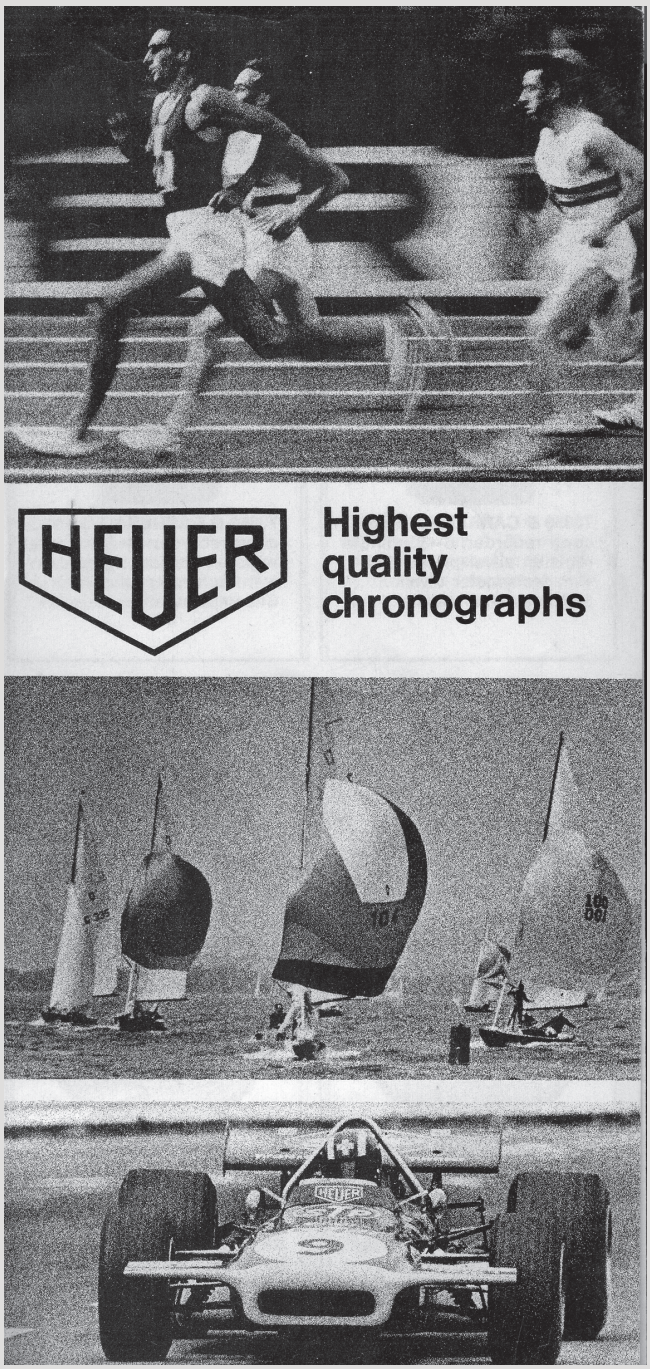
LOT 68

"CHAMPAGNE DIAL" FULL CALENDAR

HEUER, FULL CALENDAR CHRONOGRAPH, CASE NO. 61560, CIRCA 1945-1950
Fine, stainless steel gentlemen's chronograph wristwatch with rectangular pump pushers, 30-minute and 12-hour registers, 3/6/9 minutes telephone timing indicator, months, days of the week, and date

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, telephone timing indicator, months, days of the week, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 8 mm
CASE: Two-part, polished and brushed, sloped bezel, lapidated lugs, snap-on back, sticker on the back
DIAL: Champagne, brushed, with gilt Arabic and dot indexes, outer minutes/chronograph divisions, outermost blue date ring, *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers, telephone timing indicator within 30-minute register, apertures for the days of the week and months at 12
HANDS: Yellow gold *feuilles*, blue date with arrow
MOVEMENT: Cal. Valjoux 72 C
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good, slight scratch at 2
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500





LOT 69

"PEWTER"

HEUER, CHRONOGRAPH, REF. 510.503, CIRCA 1984
Fine, cushion-shaped, PVD-coated stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 350 units, 60-minute and 12-hour registers, date, and 24-hour indication

FUNCTIONS: Self-winding, chronograph, tachometer with base 1000, 60-minute and 12-hour registers, date, 24-hour indication, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 36 mm, length 40 mm, thickness 9 mm
CASE: Two-part, pewter PVD-coated stainless steel, brushed, flat and concave bezel, hooded lugs, screw-down back
DIAL: Silver, matte, with luminous *bâton* indexes, outer minutes/chronograph track, outermost inclined ring with the tachometer graduation, sunk subsidiary dials for the seconds, 12-hour register and 24-hour indication, aperture for the date at 3
HANDS: Black *bâton* with luminous inserts, orange chronograph, black and orange 60-minute register with arrow
MOVEMENT: Cal. 5100
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800





LOT 70

PASADENA-STYLE

HEUER, PASADENA-STYLE, CHRONOGRAPH, REF. 750.501 / 280 SL, CIRCA 1980
Fine, cushion-shaped, blackened stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, tachometer, 30-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 36 mm, length 40 mm, thickness 9 mm
CASE: Two-part, blackened, flat and concave bezel, hooded lugs, screw-down back
DIAL: Black, matte, with luminous *bâton* indexes, outer minutes/chronograph track, outermost inclined ring with the tachometer graduation base 1000, sunk subsidiary dials for the seconds, 30-minute and 12-hour registers, aperture for the date at 3
HANDS: Luminous *bâton*, red chronograph
MOVEMENT: Cal. 7750
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 – 1,500

LOT 71

"BLACKENED" CHRONOGRAPH

HEUER, CHRONOGRAPH, MADE IN THE 1970s
Fine, cushion-shaped, blackened stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, 30-minute register, date, and a stainless steel Heuer buckle

FUNCTIONS: Chronograph, tachometer with base 1000, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Two-part, blackened, inclined stepped bezel, hooded lugs, screw-down back
DIAL: Black, matte, with painted luminous *bâton* indexes and luminous dots, outer minutes/chronograph track, outermost inclined ring with the tachometer graduation base 1000, sunk *guilloché* subsidiary dials for the seconds and 30-minute register, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, yellow chronograph
MOVEMENT: Cal. 15
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 – 1,500



LOT 72
"BLACK DIAL" EARLY CHRONOGRAPH
HEUER, CHRONOGRAPH, CASE NO. 47491, CIRCA 1960
Fine, stainless steel gentlemen's chronograph wristwatch with round pump pushers and 30-minute register

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 30 mm Ø, thickness 8 mm
CASE: Two-part, polished, sloped bezel, curved down lugs, snap-on back
DIAL: Black, with luminous Arabic hours, outer minutes/chronograph divisions, sunk subsidiary dials for the seconds and 30-minute register
HANDS: Steel *bâton* with luminous inserts
MOVEMENT: Unseen caliber
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, nice patina
Hands: Good, slightly oxidized
Movement: Good
ESTIMATE: € 1,400 – 1,800

LOT 73
"OVAL PUSHERS" CHRONOGRAPH
HEUER, CHRONOGRAPH, CASE NO. 245612, MADE IN THE 1960s
Fine, stainless steel gentlemen's chronograph wristwatch with oval pump pushers, tachometer graduated to 1000 units, telemeter in miles, 45-minute register and 3/6/9 minutes telephone timing indicator

FUNCTIONS: Chronograph, tachometer with base 1000, telemeter, 45-minute register, 3/6/9 minutes telephone timing indicator, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 8 mm
CASE: Two-part, polished and brushed, sloped bezel, curved down fluted lugs, snap-on back
DIAL: Silvered, with luminous Arabic hours, outer minutes/chronograph divisions, outermost blue telemeter and tachometer scales, sunk subsidiary dials for the seconds and 45-minute register, the 45-minute register with telephone timing indicator
HANDS: Blued steel *dauphine* with luminous inserts
MOVEMENT: Cal. Valjoux 92
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 – 1,500

LOT 74
EARLY CHRONOGRAPH
HEUER, CHRONOGRAPH, CIRCA 1955
Fine, stainless steel gentlemen's chronograph wristwatch with round pump pushers, 30-minute register and 3/6/9 minutes telephone timing indicator

FUNCTIONS: Chronograph, 30-minute register, 3/6/9 minutes telephone timing indicator, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 7 mm
CASE: Two-part, polished, sloped bezel, curved down lugs, screw-down back
DIAL: White, with painted gilt Arabic hours, outer minutes/chronograph divisions, sunk *guilloché* subsidiary dials for the seconds and 30-minute register with telephone timing indicator
HANDS: Blued steel *bâton* with luminous inserts
MOVEMENT: Cal. Valjoux 23
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 75
"BLACK DIAL" CHRONOGRAPH
HEUER, CHRONOGRAPH, CASE NO. 8707, MADE IN THE 1960s
Fine, stainless steel gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 33 mm Ø, thickness 10 mm
CASE: Two-part, polished and brushed, sloped bezel, faceted lugs, screw-down back
DIAL: Black, with luminous Arabic numerals, outer minutes/chronograph divisions, subsidiary sunk dials for the small seconds, 30-minute and 12-hour registers
HANDS: Steel *bâton*
MOVEMENT: Cal. Valjoux 72
CONDITION:
Case: Very good, slight scratches on the back
Dial: Good, nice patina
Hands: Good, slightly oxidized
Movement: Very good
ESTIMATE: € 1,600 – 2,000



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JACKY ICKX

In an effort to bring the Heuer brand to a new younger market, Heuer was looking for a link that would stimulate their interest. Heuer found it in the sensational counter-cult film, "Easy Rider". Easy Rider was a 1969 American road movie written by Peter Fonda, Dennis Hopper, Jack Nicholson and Terry Southern, which was produced by Fonda and directed by Hopper. It tells the story of two bikers (played by Fonda and Hopper) who travel through the American Southwest and South looking to achieve freedom.

Easy Rider explored the social landscape, issues, and tensions in the United States during the 1960s, including the rise and fall of the hippie movement, drugs, and a communal way of life. The film was legendary for its use of real drugs in its portrayal of the use of marijuana and other banned substances and became a landmark film that captured the imagination of America.

The Easy Rider idea of biking across America appealed to Heuer, but given the rest of the subject matter of the film, Heuer was looking for another more positive sports' orientated link for his brand and he found it in Formula One's versatile Jacky Ickx who had started his career racing motorcycles.

Jacky Ickx was first introduced to motor racing when he was taken to the races by his motoring journalist father, Jacques Ickx. Despite this, Jacky had limited interest in the sport until his father bought him a 50 cc Zundapp motorcycle. Soon afterwards, Ickx won 8 of the first season motorcycle races and took the European 50 cc trials title. He won another two titles before moving to racing the Lotus Cortina in touring car races, taking the National Saloon Car Championship in 1965.

Bellgian Ickx entered his first Formula One race at the Nürburgring in 1967, driving a Matra F2 car. At Monza, he made his official F1 debut in a Cooper-Maserati. As well as his many F1 wins, Ickx is famous for having won the 24-hour Le Mans race six times, in 1969,75,76,77,81,and 1982.

Heuer asked Ickx to act as ambassador for the new Easy Rider – and the colorful new Jacky Ickx Easy Rider was born. It was a low priced model targeted at young F1 fans available in four different color combinations: black, blue, red, and white – and it was an immediate success.

The Jacky Ickx Easy Rider had a chrome plated steel case with polish finished and inclined tachymeter scale. The red dial version had two vivid red stripes and a transversal white bar between 9 and 3 o'clock. At 10 o'clock there was a 15-minute register subdial, under which the name "Jacky Ickx" was printed in black.[1]

Just below the date widow at 3 o'clock could be seen Jacky Ickx's signature. A permanent white second hand on a red background was set in a circle outlined in white above the name "Easy Rider Chronograph" – also in white on a red background.

The watch was powered by a Pin Pallet movement and a miniature copy of Jacky Ickx's helmet served as a case for this watch.

[1] *Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*



Page from 1971 Brochure "Easy-Rider Chronograph" Jacky Ickx





LOT 76

"BORDEAUX DIAL" JACKY ICKX

HEUER, JACKY ICKX, "EASY-RIDER CHRONOGRAPH", REF. 423.809, CIRCA 1972

Fine, helmet-shaped, chromium-plated, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 220 units, 15-minute register, date, and stainless steel bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 220 units, 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 45 mm, length 40 mm, thickness 13 mm
CASE: One-part, shaped as Jacky Ickx's racing helmet, polished, inclined black tachometer graduation and sloped bezel, chronograph pushers at 2 and 4, hooded lugs
DIAL: Bordeaux and red with two red stripes and a transversal white bar, radial painted black *bâton* indexes with luminous dots, outer white ring for the minutes/chronograph track, subsidiary dial for the seconds and 15-minute register, aperture for the date at 3
HANDS: White *bâton* with red and luminous inserts, white and black chronograph
MOVEMENT: Cal. EB 8420
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 450 – 500

LOT 77
"BLACK DIAL" JACKY ICKX
HEUER, JACKY ICKX, "EASY-RIDER CHRONOGRAPH", REF. 423.809, CIRCA 1972
Fine, helmet-shaped, chromium-plated, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 220 units, 15-minute register, and date

FUNCTIONS: Chronograph, tachometer graduated to 220 units, 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 45 mm, length 40 mm, thickness 13 mm
CASE: One-part, shaped as Jacky Ickx's racing helmet, polished, inclined black tachometer graduation and sloped bezel, chronograph pushers at 2 and 4, hooded lugs
DIAL: Black and red with two red stripes and a transversal white bar, radial painted black *bâton* indexes with luminous dots, outer white ring for the minutes/chronograph track, subsidiary dial for the seconds ant 15-minute register, aperture for the date at 3
HANDS: White *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. EB 8420
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 450 – 500





LOT 78
"BLUE DIAL" JACKY ICKX
HEUER, JACKY ICKX, "EASY-RIDER CHRONOGRAPH", REF. 423.809, CIRCA 1972
Fine, helmet-shaped, chromium-plated, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 220 units, 15-minute register, and date

FUNCTIONS: Chronograph, tachometer graduated to 220 units, 15-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 45 mm, length 40 mm, thickness 13 mm
CASE: One-part, shaped as Jacky Ickx's racing helmet, polished, inclined black tachometer graduation and sloped bezel, chronograph pushers at 2 and 4, hooded lugs
DIAL: Blue and red with two red stripes and a transversal white bar, radial painted black *bâton* indexes with luminous dots, outer white ring for the minutes/chronograph track, subsidiary dials for the seconds and 15-minute register, aperture for the date at 3
HANDS: White *bâton* with red and luminous inserts, red chronograph
MOVEMENT: Cal. EB 8420
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 450 – 500

CORTINA

It was only natural that, given Jack Heuer's overwhelming interest in racing, the company would want a winter sports' related product in its portfolio. In the late 1950s and 60s, the Italian town of Cortina had come to epitomize jet-setting winter sports activities and après ski. Situated in the Italian Dolomites and near the border with Switzerland, Cortina had first come to prominence as the venue for the 1956 Winter Olympics. It was also the home of the grueling World Ski Cup downhill race.[1]

The town attracted much attention, not least from the racing fraternity, so it was not a great surprise when, in 1962, the Lotus/Ford partnership named the result of its joint-venture the "Lotus Cortina" (or "Cortina Lotus" as Ford liked to call it). Ford supplied the 2-door Cortina body-shells and took care of marketing and sales, while Lotus handled the mechanics and cosmetics. The Lotus factory cars were white with a green stripe (although Ford made some for racing in red). Round Lotus badges were fitted to rear wings and to the right side of the radiator panel. The speed at which the new Lotus Cortina moved was incredible by today's standards.



THE LOTUS CORTINA

The super fast Cortina earned an awesome reputation in competition when Jim Clark and Vic Elford drove them in touring and rally car races in the mid 1960s. All this was not lost on racing aficionado Jack Heuer, and seemed to him a natural fit for the Heuer brand, given that Heuer also already provided the timekeeping for World Cup winter sports event. Add to this the fact that La Chaux-de-Fonds, the home of the Heuer brand, is located at the foot of the Swiss Alpine region, and has always been a centre for recreational winter sports activities, the attraction of the name "Cortina" and all it implied was inevitable. So when Heuer was looking for a name for its gleaming new steel cased chronographs in the 1970s, "Cortina" was top of the list.[2]

New to the Heuer range was the Cortina's white marble-colored dial with Roman numerals and elegant shiny black hands. The name "Cortina" was positioned above the Heuer logo on the dial and the watch was powered by the proven Caliber 12 automatic movement.[3]

[1] *Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*

[2]The Lemania 5100 movement is considered very rugged and has been used in a variety of chronographs issued to military pilots. There are eight models of TAG Heuer chronographs powered by the Lemania 5100: Reference 510.500 (stainless steel), 510.501 (black coated), 510.502 (olive drab coated) and 510.503 (pewter coated), as well as models called *Silverstone* (steel case with black dial) and *Cortina* (steel case with blue dial); the Reference 510.543 was made for the A.M.I. (Italian Air Force) and a special edition (with no reference number marked on the case) was made for AudiSport.

[3]Heuer's first automatic chronographs were the Autavia, Carrera and Monaco. These were powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT/second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding crown was on the left, with the pushers for the chronograph on the right. The earliest of Heuer's Cal 11 chronographs (from 1969) were named "Chronomatic".



LOT 79

"WHITE DIAL" CORTINA

HEUER, CORTINA, "AUTOMATIC CHRONOGRAPH", REF. 110.233, CIRCA 1976

Fine, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Two-part, brushed, concave bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: White, matte, with painted black Roman numerals and luminous dots, outer minutes/chronograph track, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Black *bâton* with luminous inserts
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 80

"BLACK DIAL" CORTINA

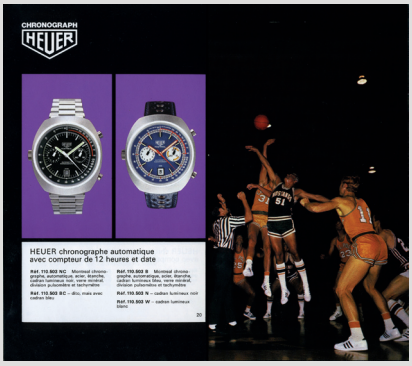
HEUER, CORTINA, "AUTOMATIC CHRONOGRAPH", REF. 110.233, CIRCA 1976

Fine, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Two-part, brushed, concave bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Black, matte, with applied luminous *bâton* indexes, outer minutes/chronograph track, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800



MONTREAL



CHRONOGRAPH CATALOG 1972

Jack Heuer had long been fascinated by the American market, and this interest naturally spread to Canada and its main French-speaking city, Montreal – not least because 80% of Montreal's inhabitants spoke Heuer's mother-tongue, French. In 1967 the world Fair took place in Montreal and when the Olympic Games for 1976 were announced to be taking place there – with Heuer supplying the timekeeping – this interest was sealed.

Formula One racing and Canadian Grand Prix were, at the time, also in talks to hold events in Montreal – so a worldwide interest in the name was ensured when Heuer launched the Montreal chronograph in 1972.

The new model won over consumers with its totally new, modern and almost rectangular design. The case was eye-catching with its sloping polished grind descending from the bezel to the polished convex sides. Driven by the chronograph Caliber 12 automatic movement, the chronograph's pushers are found on the right hand side. The winding crown is positioned at 9 o'clock and is embedded in a protective recessed notch.[1]

Heuer promoted this range in their catalogs in 1972, 1974, 1977, 1978, 1981 and 1982.

Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.

Ref.: www.onthedash.com - Jeffrey M. Stein, Atlanta, Georgia

LOT 81

"TACHOMETER AND PULSOMETER BLUE DIAL" MONTREAL

HEUER, MONTREAL, "AUTOMATIC CHRONOGRAPH", REF. 110.503, MADE IN THE 1970s

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, pulsometer, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer with base 1000, pulsometer, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 48 mm, thickness 15 mm
CASE: Two-part, polished and brushed, hooded lugs, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, blue and white, with applied stainless steel *bâton* indexes with luminous inserts and red accents, outer white minutes/chronograph ring, outermost tachometer and red pulsometer graduations, bicolor white/yellow subsidiary dial for the 30-minute register at 3, white subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: Red *bâton* with luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,800 – 2,200



LOT 82

Information coming soon



LOT 83

"TACHOMETER AND PULSOMETER" MONTREAL

HEUER, MONTREAL, "AUTOMATIC CHRONOGRAPH", REF. 110.503, CIRCA 1974

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer with base 1000, pulsometer, 30-minute and 12-hour registers, date and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer with base 1000, pulsometer, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: Width 42 mm, length 48 mm, thickness 15 mm
CASE: Two-part, polished and brushed, hooded lugs, sloped bezel, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Two-tone, black and white, with applied stainless steel *bâton* indexes with luminous inserts and red accents, outer white minutes/chronograph ring, outermost tachometer and red pulsometer graduations, bi-color white/yellow subsidiary dial for the 30-minute at 3, subsidiary dial for the 12-hour register at 9, aperture for the date at 6
HANDS: Red *bâton* with luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:

Case: Very good	Dial: Very good
Hands: Very good	Movement: Very good

ESTIMATE: EUR 1,800 – 2,200

CALCULATOR

In the mid-1960s, Heuer was part of a partnership (Dubois Dépraz, Breitling, Hamilton-Büren and Heuer) that sought to introduce the world's first automatic chronograph. Most agree that the Heuer-Breitling venture was the first to introduce a new line of automatic chronographs in March 1969. In the early 1970s, Heuer expanded its line of automatic chronographs to include the *Daytona*, *Montreal*, *Silverstone*, *Calculator*, *Monza* and *Jarama* models, all of them powered by the Caliber 12 movement and inspired by motor racing. Several of these chronographs are associated with automobile racing and specific drivers.

The "Calculator" automatic chronograph was launched in 1972 selling at a retail price of around $250 to $300. The main Calculator model demonstrated the classic Heuer dial design with two subregisters for 30-minutes and 12-hour measurements. A variation was powered by the Caliber 15 instead of the Caliber 12 and had a small second hand at 10 o'clock eliminating the usual Heuer 12-hour subregister.

Every Calculator came with a booklet which explained the mathematical operations it could undertake:
"The calculating circles of the Heuer Calculator consist of a fixed inner scale and rotating outer ring. The beginning and the end of the fixed scale, which are indicated by the mark rare always at the top, close to the numeral 12. The scale on the outer ring begins and ends at the mark s. Each of the two marks may represent both 1 and 10."

"The given numbers and those which are sought or observed on each ring in clockwise (or counter clockwise) succession. The marks rand srepresent 1 (or 10) at the beginning of the observation; the following values correspond to the numbers indicated, provided that no mark is passed over in the course of the observation. When a mark is passed over, it represents 10 (or 1), and the following values on the ring concerned are 10 times greater (or smaller) than the numbers indicated.

At the end of the 1970s a variation of the Calculator was made with a black dial, several of these had large Heuer logos and no Calculator name.



CALCULATOR ADVERTISING



LOT 84

"DARK BLUE DIAL" CALCULATOR

HEUER, CALCULATOR, "AUTOMATIC CHRONOGRAPH", CIRCA 1972

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, revolving graduated bezel with circular slide rule, date and a stainless steel Heuer buckle

FUNCTIONS: Self-winding, circular slide rule, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 42 mm, thickness 10 mm
CASE: Three-part, polished and brushed, two-part bezel with a fixed inner scale and a rotating outer ring, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Dark blue (almost black), matte, with applied stainless steel *bâton* indexes, outer minutes/chronograph track, bi-color orange/black subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Orange *bâton* with luminous inserts, orange chronograph with square luminous insert
MOVEMENT: Cal. 12
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 2,400 – 2,800

LOT 85

"BLACK DIAL" CALCULATOR

HEUER, CALCULATOR, "AUTOMATIC CHRONOGRAPH", CIRCA 1972

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, revolving graduated bezel with circular slide rule, 30-minute and 12-hour registers, date, and a stainless steel Heuer buckle

FUNCTIONS: Self-winding, circular slide rule, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 42 mm, thickness 10 mm
CASE: Three-part, polished and brushed, two-part bezel with a fixed inner scale and a rotating outer ring, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Black, matte, with applied stainless steel *bâton* indexes, outer minutes/chronograph track, bi-color orange/black subsidiary dial for the 30-minute register, seconds, aperture for the date at 6, "Calculator" at 9
HANDS: Orange *bâton* with luminous inserts, orange chronograph with square luminous insert
MOVEMENT: Cal. 12
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Good condition, needs to be serviced
ESTIMATE: € 1,600 – 2,000



CAMARO



The Chevrolet Camaro in Action

Jack Heuer was keenly interested in the American market and, given his and the brand's interest in motorsport, he was able to make great inroads into the US market through motorsports fans and the brand's core competence in providing timekeeping for major motorsports' events. This ultimately led to excellent publicity for the Heuer brand, providing an enormous amount of media coverage for Heuer products and widespread logo recognition of the Heuer brand, especially following the launch of the sporty Camaro watch.

The name "camaro" is in fact a colloquialism that comes from the French "camarade" meaning "best friend, buddy".

Launched in 1968, Heuer's Camaro wristwatch soon became an immediate success in the USA as it was immediately seen to be linked to Chevrolet's Camaro sports car which was launched in 1966/67. Camaro cars were of a special, new (for the 1960s) streamlined design. The Coca-Cola line accentuated the classic coupé leading to a short precise tail and was Chevrolet's answer to the extremely successful Ford Mustang.[1]

From 1967 to 1969, Chevrolet's Camaro Super Sport was the official "pace car" of the Indianapolis 500, probably the most famous racing competition in the USA.[1] (The "pace car" is responsible for setting the pace after a race has been interrupted and also leading the racing cars after accidents.) Destined to become an icon of the smaller, lighter and faster new generation cars, Chevrolet's Camaro soon won over the hearts and minds of younger generation Americans.

In the same way Heuer's Camaro, which was to be regularly seen on the racing car circuits with its gleaming polished finish rectangular case and concave sides, was immediately thought to be in synergy with the image of the successful Chevrolet Camaro, and the watch soon won over the same hearts and minds of younger generation Americans.

The Camaro wristwatch was to be found in Heuer catalogs until 1972, after which time it was no longer listed.

[1] *Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*

LOT 86

Information coming soon

LOT 87

Information coming soon

Camaro



LOT 88

"GREY DIAL" CAMARO

HEUER, CAMARO, CHRONOGRAPH, MADE IN THE 1960s
Fine, cushion-shaped, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 1000 units, date, 30-minute register, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer with base 1000, date, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 37 mm, thickness 12 mm
CASE: Two-part, polished and brushed, faceted bezel, faceted lugs, screw-down back
DIAL: Grey, *satiné*, with applied stainless steel faceted *bâton* indexes and luminous dots, outer minutes/chronograph track, outermost tachometer graduation with base 1000, sunk subsidiary dials for the seconds and 30-minute register
HANDS: Stainless steel *bâton* with luminous inserts, blued steel chronograph hand, orange register
MOVEMENT: Cal. Valjoux 7734
CONDITION:
Case: Very good
Dial: Very good, one index needs to be fixed
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 - 1,800

LOT 89

"BLACK DIAL" CAMARO

HEUER, CAMARO, CHRONOGRAPH, REF. 7743, CASE NO. 119044, MADE IN THE 1960s
Fine, cushion-shaped, stainless steel, water resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 300 units and 30-minute register

FUNCTIONS: Chronograph, tachometer graduated to 300 units, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 37 mm, thickness 12 mm
CASE: Two-part, polished and brushed, faceted bezel, faceted lugs, screw-down back
DIAL: Black, with applied faceted *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary sunk *guilloché* dials for the seconds and 30-minute register
HANDS: Stainless steel *bâton* with luminous inserts
MOVEMENT: Cal. Valjoux 7730
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 - 1,800





LOT 90

"TACHOMETER AND PULSOMETER" JARAMA

HEUER, JARAMA, AUTOMATIC CHRONOGRAPH, REF. 110.225, CIRCA 1977

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 200 units, pulsometer, 30-minute and 12-hour registers, date, and a stainless steel Heuer buckle

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 200 units, pulsometer, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 34 mm, length 38 mm (lug to lug), thickness 9 mm
CASE: Two-part, faceted, brushed, reeded bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Gilt, with applied yellow gold and black *bâton* indexes, outer minutes/chronograph track, outermost inclined gilt ring with tachometer and pulsometer graduations, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Black *bâton* with luminous inserts
MOVEMENT: Cal. 12
CONDITION:
Case: Very good, slight dent on one side
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800

LOT 91

BICOLOR VERONA

HEUER, VERONA, "AUTOMATIC CHRONOGRAPH", REF. 110.215, CIRCA 1976

Fine, two-tone, stainless steel and yellow gold, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, and date

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours and minutes
SIGNED: Dial and movement signed Heuer, case signed Heuer-Leonidas SA
DIMENSIONS: 38 mm Ø, thickness 14 mm
CASE: Two-part, bicolor, polished and brushed, convex yellow gold bezel, yellow gold chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Metallic gray, brushed, with applied stainless steel and black *bâton* indexes with luminous dots, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the 30-minute and 12-hour registers registers, aperture for the date at 6
HANDS: White *bâton* with gilt inserts
MOVEMENT: Cal. 12
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 – 1,500



MONZA

As the main sponsor of Ferrari, the Italian Grand Prix held in Monza on 7 September 1975 was a special day for Heuer. The Heuer logo was in evidence, stamped large on the front of the competing Ferraris. In front of over 200,000 spectators, and after completing the 52 laps of the Monza circuit, Ferrari's Clay Regazzoni was first to receive the checkered flag as he crossed the finish line. Niki Lauder was third and on that day went into the history books as the new Formula One champion for Ferrari. And most importantly for Heuer, the result was confirmation of Jack W Heuer's motorsport strategy – he had once again chosen the right team to sponsor.

The race wasn't a foregone conclusion, Luca de Montezemolo, team manager, Mauro Forghieri, technical director and drivers Niki Lauder and Clay Regazzoni had been working hard to improve the Ferrari 312 T – making it an invincible racing machine. For Heuer this success was tremendously important and to mark the event the company created a new series – the Monza.

The new Monza watch was launched in 1975 and was described in the catalog as a special limited series and, typical of Jack Heuer's penchant for motorsport- related marketing, each limited edition timepiece was delivered in a red Heuer racing helmet.

The case was inspired by the Carrera chronograph case but was available in chrome or black anodized steel [1]. The first of the two Monza series had exclusively Caliber 15 movements with the characteristic small second hand at 10 o'clock. In contrast to the Autavia, Carrera, and Calculator Caliber 15 models (were the name was always found at 9 o'clock) the Monza name was set above the Heuer logo in the upper part of the dial.

The illuminated dial with one-fifth-of-a-second divisions was in black, the hand for the second dial was in red and the small square 30-minute dial in white. The second and minute hands were graduated from the center of the dial to the tip of the hands, black to white. The large red chronograph second hand rotated over the hour and minutes hand.

The very readable dial was bordered by a pulse and tachymeter scale – both essential in the world of racing car drivers. The pulsometer displays the number of pulses per minute (base of 15). Starting with the first pulse – which is not counted – the stopwatch is started by pressing the upper pusher. At the fifteenth pulse the timekeeper is stopped by pressing the same pusher. This enables the pulses per minute to be read from the pulsometer scale. The tachymeter scale is used to calculate the average speed per hour (in kilometers or miles) which can then be read from the dial border.

It is worth noting that there was a later model with a Caliber 12 movement and two classic dials which did not carry the Monza name.

[1] *Reference: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*

Fangio wins Monza in 1955



LOT 92

Information coming soon

LOT 93

Information coming soon

SILVERSTONE

Originally launched in 1974, the Heuer Silverstone chronograph gets its name from the famous Silverstone British racetrack. An hour's drive north-west of London, between Northampton and Oxford, the Silverstone racetrack, which was a former WWII airport, is best known as the home of the British Grand Prix, which it first hosted in 1948. On 13 May 1950, the opening race of the first ever FIA Formula One World Championship took place at Silverstone. Since then, this high speed race track has thrilled the fans by consistently providing tremendously thrilling races.

The racetrack has a special place in Heuer's heart because many of its racing ambassadors and F1 team partners scored career-making victories there. From Emmanuel de Graffenried (the very first Heuer ambassador), in 1949, to Juan Manuel Fangio in 1956, Jo Siffert in 1968, Alain Prost in 1985 and 1989, Ayrton Senna in 1988, David Coulthard in 1999 and 2000, Mika Hakkinen in 2001, and Lewis Hamilton in the Vodafone McLaren Mercedes Benz in 2008. All proving that the Silverstone racetrack has pushed the best to achieve their best.

The Heuer Silverstone was initially driven by the proven Chronomatic Calibre 11 automatic movement with microrotor, developed in cooperation with Dubois Dépraz, Breitling and Hamilton-Büren, and launched in 1969 as the world first automatic chronograph movement with micro-rotor.[1] Characteristic of the movement is the date counter at 6 o'clock and the two pushbuttons, placed across from the crown in two indentations.

The top drivers of the 1970s so much admired the Silverstone chronograph for its distinctive name, unique shape and avant-garde look, that the buzz they generated helped make it a style icon of the period. Heuer was Ferrari's timekeeper throughout the 70s, but it was also partnered with McLaren, BRM and Surtees-Ford, and every driver from these teams wore the now much sought after Heuer Silverstone watch.

In the 1974 Heuer catalog, the year the watch was launched, Clay Regazzoni was pictured sitting in the cockpit of his Ferrari wearing a blue driving suit and on his wrist, a gleaming Heuer Silverstone chronograph with its glittering steel band. That year, Regazzoni and Emerson Fittipaldi became Heuer ambassadors and the two legendary drivers chose the chronograph as their personal lucky charm with Fittipaldi winning his second F1 World Championship and Regazzoni winning the Silverstone Grand Prix in 1979.

The Silverstone's distinctive design was completely new – a stainless steel squared masterpiece with highly polished rounded edges. The backing had a longitudinal grinding with the crown protected by a slight indentation on the side. The two push pieces were placed across from the crown in two indentations. The dial had a 30-minute and 12-hour display, and the date was located at 6 o'clock. Apart from the blue dial there were variations in Bordeaux red and brown. At the edge of the dial there was an internal bezel that sloped up to the case edge, a one-fifth-of-a-second scale and rectangular luminescent points.[2]

The two push pieces were based on another famous timepiece of the period: Steve McQueen's 1969 Heuer Monaco. Softer edged, with a colorful dial, and a totally new shape, the leading-edge Silverstone chronograph remains one of Heuer's purest designs and most emblematic creations.

The Heuer Silverstone was promoted in Heuer catalogs until 1977.

[1]In the mid-1960s, Heuer had been part of a partnership (Dubois Dépraz, Breitling, Hamilton-Büren and Heuer) that sought to introduce the world's first automatic chronograph. The initial prototype promised success. The so-called "Chronomatic" – named after the combination of the terms "chronograph" and "automatic" exceeded all expectations. The declared objective of this partnership focused on being the first to present this unique product and to win the race against time and Zenith and their El Primo range. Most agree that the Heuer-Breitling venture was the first to introduce a new line of automatic chronographs in March 1969. In the early 1970s, Heuer expanded its line of automatic chronographs to include the *Daytona*, *Montreal*, *Silverstone*, *Calculator*, *Monza* and *Jarama* models, all of them ultimately powered by the Caliber 12 movement and inspired by motor racing. Several of these chronographs are associated with automobile racing and specific drivers.

[2] Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.



Silverstone Poster

Silverstone



LOT 94

"GRAY DIAL" SILVERSTONE

HEUER, SILVERSTONE, "AUTOMATIC CHRONOGRAPH", REF. 110.313, CIRCA 1974

Fine, stainless steel, cushion-shaped, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 42 mm, thickness 14 mm
CASE: Two-part, polished and brushed, concave bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down case back, sticker on the back
DIAL: Gray, radially brushed, with painted luminous *bâton* indexes, outer minutes/chronograph track, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000

LOT 95

"BLUE DIAL" SILVERSTONE

HEUER, SILVERSTONE, "AUTOMATIC CHRONOGRAPH", REF. 110.313, CIRCA 1974

Fine, stainless steel, cushion-shaped, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 42 mm, thickness 14 mm
CASE: Two-part, polished and brushed, concave bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back
DIAL: Blue, brushed, with painted luminous *bâton* indexes, outer minutes/chronograph track, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 – 3,000





LOT 96

"BORDEAUX DIAL" SILVERSTONE

HEUER, SILVERSTONE, "AUTOMATIC CHRONOGRAPH", REF. 110.313, CIRCA 1974

Fine, stainless steel, cushion-shaped, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with folding clasp

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 42 mm, thickness 14 mm
CASE: Two-part, polished and brushed, concave bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back, sticker on the back
DIAL: Bordeaux, with painted luminous *bâton* indexes, outer minutes/chronograph track, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 12
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,400 – 2,800

Silverstone Advertising





Ref: Konrad Knirim "Militaruhren", t. pag. 338

Despite the Great Depression, the 1930s was a busy decade for Heuer. In 1930, the company invented a flyback mechanism for its chronographs and patented a waterproof case. Functions such as automatic winding came shortly after and in the middle of the decade it produced steel Flieger chronographs for the German Air Force – marking the beginning of Heuer's links with various countries' military including the Italian, Israeli, and Portuguese military.

In the early 1960s, Heuer acquired their major competitor, "Leonidas", and with the new company they began marketing watches under the "Heuer-Leonidas" name. One of the designs that Heuer acquired from Leonidas was the "Bundeswehr" chronograph, used by the German Air Force, which was the most well-known Heuer timepiece associated with military use. These watches had a "3H" symbol on the dial signified that a dial with radioactive illumination had been replaced by one with zinc sulfide. The Italian Air force also ordered Heuer chronographs with the "3H" symbol on the dial.

Orders for the German Air Force generally came through Helmut Sinn of Frankfurt, the German distributer for Heuer. The Heuer chronograph was offered in an interesting variation together with a theodolit for astro navigation regulated in sidereal time. Later, Heuer also supplied a quartz chronograph version of the Orfina Bundeswehr chronograph.

In the mid-1970s, Heuer introduced a series of chronographs powered by the Lemania 5100 movement. There are eight models of Heuer chronographs powered by the Lemania 5100 and the Reference 510.543 was made for the A.M.I. (Italian Air Force).



LOT 97

AERONAUTICA MILITARE ITALIANA

HEUER, "A.M.I." CHRONOGRAPH, REF. 510.543, MADE FOR THE ITALIAN AIR FORCE, CIRCA 1982

Fine, cushion-shaped, stainless steel, self-winding, water-resistant, military chronograph wristwatch with round pump pushers, 60-minute and 12-hour registers,days of the week, date, 24-hour indication, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, 60-minute and 12-hour registers, days of the week, date, 24-hour indication, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 35 mm, length 39 mm, thickness 9 mm
CASE: Two-part, polished, sloped bezel, hooded lugs, screw-down back and crown, "A.M.I" stamped on the back with contract number: 6645.12.194.8642
DIAL: Black, matte, with luminous *bâton* indexes, outer minutes/chronograph track, outermost inclined ring graduated to 12 hours, sunk subsidiary dials for the seconds, 12-hour register and 24-hour indication, "3H" in red between 1 and 2, apertures for the date and days of the week at 3
HANDS: White *bâton* with luminous inserts, orange chronograph, black/orange 60-minute register
MOVEMENT: Cal. Valjoux 7750
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 3,000 – 3,500



LOT 98

MILITARY-TYPE

HEUER, MILITARY-TYPE CHRONOGRAPH, CASE NO. 9603, CIRCA 1960
Fine, stainless steel, water-resistant, gentlemen's chronograph wristwatch with round pump pushers and 30-minute register

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 30 mm Ø, thickness 6 mm
CASE: Two-part, polished and brushed, flat bezel, faceted lugs, screw-down back
DIAL: Black, with white Arabic hours, sunk subsidiary dials for the seconds and 30-minute register, white arrow between the two subsidiary dials
HANDS: White *bâton* with luminous inserts
MOVEMENT: Cal. 872
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 2,500

LOT 99

MILITARY-TYPE

HEUER, CHRONOGRAPH, REF. 510.500, MADE IN THE 1980s
Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 350 units, 60-minute and 12-hour registers, date, and 24-hour indication

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 350 units, 60-minute and 12-hour registers, date, 24-hour indication, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 36 mm, length 40 mm, thickness 10 mm
CASE: Two-part, polished and brushed, flat and concave bezel, hooded lugs, screw-down back
DIAL: Black, matte, with luminous *bâton* indexes, outer minutes/chronograph track, outermost inclined ring with the tachometer graduation, sunk subsidiary dials for the seconds, 12-hour register and 24-hour indication, "Cyclops" lens aperture for the date at 3
HANDS: White *bâton* with luminous inserts, orange chronograph, black and orange 60-minute register with arrow
MOVEMENT: Cal. 5100
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,400 – 1,800





LOT 100
BUNDESWEHR
HEUER, "3H" CHRONOGRAPH, REF. 1550 SG, MADE FOR THE GERMAN AIR FORCE, CIRCA 1965-1970
Fine, stainless steel, water-resistant, pilots' chronograph wristwatch with round pump pushers, revolving black bezel, 30-minute register, and original leather strap with steel buckle

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 38 mm Ø, thickness 7 mm
CASE: Three-part, *satiné*, bi-directional revolving black bezel graduated to 60 minutes/seconds, curved down lugs, case back secured with screws, contract number on the case back (6645-12-146-3774), original leather strap with stamped contract number (6645-12-145-6415)
DIAL: Black, with luminous Arabic hours, sunk subsidiary dials for the seconds and 30-minute register, "3H" in red between the two sub-dials
HANDS: White *bâton* with luminous inserts
MOVEMENT: Cal. Valjoux 230
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,300 – 3,800

LOT 101
PILOT WATCH
HEUER, PILOT-TYPE CHRONOGRAPH, REF. 1550 SG, CIRCA 1970
Fine, stainless steel, water-resistant, pilot-type chronograph wristwatch with round pump pushers, revolving black bezel, 30-minute register, and original leather strap with steel buckle

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 38 mm Ø, thickness 7 mm
CASE: Three-part, *satiné*, bi-directional revolving black bezel graduated to 60 minutes/seconds, curved down lugs, case back secured with screws
DIAL: Black, with luminous Arabic hours, sunk subsidiary dials for the seconds and 30-minute register
HANDS: White *bâton* with luminous inserts
MOVEMENT: Cal. Valjoux 230
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,300 – 3,800





LOT 102

FORÇAS ARMADAS PORTUGUESAS, SAN TOMÈ

HEUER, CHRONOGRAPH, MADE FOR THE PORTUGUESE NAVY IN THE 1970s

Fine, stainless steel, water-resistant, military chronograph wristwatch with round pump pushers, revolving 60 unit black bezel, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 9 mm
CASE: Three-part, polished, bi-directional rotating black bezel graduated to 60 minutes/seconds and 12 hours, faceted lugs, snap-on back engraved "Forças Armadas Portuguêas Ultramarinas"
DIAL: Bi-color, black and white, luminous *bâton* indexes with red accents, outer minutes/chronograph track, sunk white subsidiary dials for the seconds, 30-minute and 12-hour registers, "Forças Armadas / S. Tome e Principe" between the subsidiary dials
HANDS: White *bâton* with luminous inserts, red chronograph with circular luminous insert
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, some scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500

LOT 103

FORÇAS ARMADAS PORTUGUESAS, CABO VERDE

HEUER, CHRONOGRAPH, MADE FOR THE PORTUGUESE NAVY IN THE 1970s

Fine, stainless steel, water-resistant, military chronograph wristwatch with round pump pushers, revolving 60 unit black bezel, 30-minute and 12-hour registers

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 9 mm
CASE: Three-part, polished, bi-directional rotating black bezel graduated to 60 minutes/seconds and 12 hours, faceted lugs, snap-on back engraved "Forças Armadas Portuguêas Ultramarinas"
DIAL: Bi-color, black and white, luminous *bâton* indexes with red accents, outer minutes/chronograph track, sunk white subsidiary dials for the seconds, 30-minute and 12-hour registers, "Forças Armadas / Cabo Verde" between the subsidiary dials
HANDS: Stainless steel *bâton* with luminous inserts, stainless steel chronograph with square luminous insert
MOVEMENT: Cal. Valjoux 7736
CONDITION:
Case: Very good, micro scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 3,500



DAYTONA

In the early 1970s, Heuer expanded its line of automatic chronographs to include the *Daytona*, *Montreal*, *Silverstone*, *Calculator*, *Monza* and *Jarama* models, all of them powered by the Caliber 12 movement[1] and inspired by motor racing. Several of these chronographs are associated with automobile racing and specific drivers.

Launched in 1976, the Heuer Daytona had its roots in the famous 24-hour race at Daytona Beach in Florida, USA. Jack W Heuer, a Ferrari fanatic, was especially enamored with Ferrari's Grand Tourisimo Coupé 365GTB/4 Daytona designed by Sergio Pininfarina and named after the famous race. The name Daytona ultimately became a favorite add-on for the American motor industry, typical examples being: the 1969 Dodge Charger Daytona (famous for its huge rear fins), and the super-fast Shelby Daytona, which won numerous races in the 1960s.



Daytona Beach is synonymous with auto racing, thanks to the early pioneers of speed who practiced their sport on the hard-packed Florida sands in the early 1900s. From a friendly wager between two gentlemen the famous speed trials gave way to stock car racing and, eventually, on 22 February 1959 the Daytona International Speedway ® opened to host the first Daytona 500 race. Many of those early racing drivers are still celebrated with turns and grandstands named after them.

The Heuer Daytona chronograph had very much the "look" of the Daytona racers. It was powered by the Caliber 12 movement[1] and had an integrated steel wrist strap, which was so much part of its design that the watch was not even made available with a leather strap. The impressive blue dial was graduated from light blue at the centre to dark blue at the outer edge with the name "Daytona" being above the Heuer logo in the upper part of the dial. A beveled tachymeter ring rose from the outer edge of the dial to the case increasing the overall size of the dial.[1]

The case itself was completely new and the integration of the steel watchband and the case was achieved via a rectangular link with a counterpart in the steel wristband. While a deep blue dial was promoted in the Heuer catalogs of 1977-1979, a brown color scheme was also offered as an alternative.[2]

[1]Heuer's first automatic chronographs were the Autavia, Carrera and Monaco. These were powered by the Cal 11 and Cal 12 movements (12-hour chronograph); Cal 14 movement (12-hour chronograph and additional hand for GMT / second time-zone) and the Cal 15 movement (30-minute chronograph). Unusually, the winding crown was on the left, with the pushers for the chronograph on the right. The earliest of Heuer's Cal 11 chronographs (from 1969) were named "Chronomatic".

[2]*Ref: "Heuer Chronographs: fascination of timekeepers and motor Sports 1960s/1970", Arno Michael Haslinger, Callwey, 2008.*



LOT 104

"DARK BLUE DIAL" DAYTONA

HEUER, DAYTONA, AUTOMATIC CHRONOGRAPH, REF. 110.203 B, CIRCA 1976

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp. Accompanied by helmet-shaped original fitted box and warranty.

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 39 mm, length 40 mm (lug to lug), thickness 9 mm
CASE: Two-part, brushed and polished, convex bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back, sticker on the back
DIAL: Dark blue, with applied white *bâton* indexes, outer minutes/chronograph track, outermost inclined blue ring with tachometer graduation, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, white chronograph
MOVEMENT: Cal. 12
ACCESSORIES: Helmet-shaped original fitted box and warranty
CONDITION:

Case: Almost mint	Dial: Almost mint
Hands: Almost mint	Movement: Almost mint

ESTIMATE: € 4,000 – 4,500

LOT 105

"TWO-TONE DIAL" DAYTONA

HEUER, DAYTONA, AUTOMATIC CHRONOGRAPH, REF. 110.203 B, CIRCA 1976

Fine, cushion-shaped, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with round pump pushers, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, and a stainless steel Heuer bracelet with deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer graduated to 500 units, 30-minute and 12-hour registers, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 39 mm, length 40 mm (lug to lug), thickness 9 mm
CASE: Two-part, brushed and polished, convex bezel, hooded lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, screw-down back, sticker on the back
DIAL: Dark blue with gilt halo, applied white luminous *bâton* indexes, outer minutes/chronograph track, outermost inclined blue ring with tachometer graduation, subsidiary dials for the 30-minute and 12-hour registers, aperture for the date at 6
HANDS: White *bâton* with luminous inserts, red chronograph
MOVEMENT: Cal. 12
CONDITION:

Case: Very good	Dial: Very good
Hands: Very good	Movement: Very good

ESTIMATE: € 3,000 – 3,500



MICROSPLIT • RUNNER

Heuer introduced its first wrist chronograph in 1914. Adapted from pocket chronographs, the crown was at 12 o'clock. In 1916, Heuer patented the Micrograph, the world's first mechanical stopwatch accurate to a hundredth-of-a-second (in 1916 accuracy to a fifth-of-a-second was the norm). This new development revolutionized science, industry and watchmaking, and made Heuer the natural choice as the official timekeeper for the 1920 Olympic Games.

Then in 1916, Heuer obtained the patent for the Microsplit which was immediately popular with the sporting fraternity and which, over the years, has seen many evolutions.

The Microsplit 800, launched in 1972, was the world's first pocket-size sports timer with a quartz movement accurate to hundredth-of-a-second. Having created the world first digital stopwatch with a custom chip (micro processor) in LED technology and two-years later in LCD technology, in 1975 Heuer decided to create the world's first fully digital chronograph (with no moving parts). Initially it had the chip combination of LCD for time of day and LED for short time measurement. Heuer called this the Chronosplit. The time of day LCD chip was already available on the open market, whereas the LED chip had to be custom-made for Heuer in Silicon Valley.



As soon as they received delivery of the custom-made LCD stopwatch chips, Heuer launched the new Chronosplit with LCD for both the time-of-day and stopwatch functions. This model was much more reliable than the LED model in which the battery life was very short. Accurate to hundredth-of-a-second, 15 timepieces were ordered by Enzo Ferrari and the same year Heuer also sponsored Niki Lauda.

When digital watches started flooding the world's watch markets, it became evident to Heuer that people preferred the analog display for reading the time, whereas, in the sports arena were short time measurement needed to be read accurately and without errors, digital stopwatches had started to replace mechanical ones.

Putting this logic to work for a chronograph made a lot of sense and Heuer put both a small analog quartz movement and a miniature LCD stopwatch module into one case. Because of its small size Heuer had to use a Citizen Ladies' quartz movement. The result was a case which reassembled the Island of Manhattan, so Heuer called the new watch "Manhattan".

In the early 1960s, Heuer acquired their major competitor, "Leonidas", and with the new company they began marketing watches under the "Heuer-Leonidas" name – among the digital stopwatches they created under this brand name was the Runner – a digital stopwatch used to time athletes.



LOT 106
MICROSPLIT
HEUER, "MICROSPLIT 370", CIRCA 1978
Fine and unusual, rectangular-shaped, split seconds, digital wrist chronograph with fitted red strap

FUNCTIONS: Chronograph, split seconds, hours, minutes, seconds
SIGNED: Case
DIMENSIONS: Width 39 mm, length 54 mm, thickness 13 mm
CASE: Two-part, rectangular-shaped, *satiné*, flat bezel, hooded lugs, red rectangular pushers for "start/stop" and "split" functions
DIAL: Digital window display for seconds and minutes
MOVEMENT: Quartz
CONDITION:
Case: Good
Dial: Good
Movement: Good, needs to be serviced
ESTIMATE: € 350 – 400

LOT 107
RUNNER
HEUER, RUNNER, 1 DIVISION, 100 M, 1/8 MILE, CIRCA 1980
Fine, circular-shaped, plastic, pedometer graduated in kilometers and miles, with pace length adjustment, original fitted box and instruction booklet

FUNCTIONS: Pedometer, pace length adjustment
SIGNED: Dial, case
DIMENSIONS: 48 mm Ø, thicknes 17 mm
CASE: Two-part, black, with black knob on the right side to adjust the pace length
DIAL: Tricolor, white, black and red, with kilometers/miles graduations, one graduation equalling 100 meters or 1/8 mile
HANDS: Red *feuille*
ACCESSORIES: Original fitted box and instruction booklet
CONDITION:
Case: Good
Dial: Very good
Hands: Very good
Movement: Good, needs to be serviced
ESTIMATE: € 450 – 500



SPECIAL SERIES & LIMITED EDITIONS

Heuer was often asked by other companies to make very limited edition watches, special editions, commemorative watches or even personalized pieces. In such cases, the company's logo was included on the watch dial.

Given its notoriety among sports aficionados, it is not surprising that Heuer was particularly requested to make such watches for sports'-related events. Among the most sought-after by collectors is the 1977 Ford Rally Sport. Ford Motorsports wanted to make a watch to promote their rallying activities, as the project got underway, it became more and more important at Ford – so much so that the project began to be referred to as "Project Henry" after Henry Ford, the founder of Ford.

Evidently, many special editions were made for race car related events and brands, such as Ducati and Agip. There were even orders from the famous motorcycle manufacturer Harley-Davidson. And more recently, the limited edition made in 1996 to honor the Italian footballer player, Franco Baresi.

It is believed that other brands, such as Coca-Cola, also ordered special edition Heuer watches to be used as gifts for employees, or as prizes or production bonuses.

As a result, these special edition watches, of which very few are documented, must be considered extremely rare.



Franco Baresi (born May 8, 1960 in Travagliato, province of Brescia) was a football defender with AC Milan for twenty years, acknowledged as one of the greatest defenders ever to play the game. Baresi was colloquially called «piscinin», Milanese dialect for «little one».

Baresi led the Milan team and its defense for the best part of a decade; a period during which Milan's defense was considered by many observers to be one of the best back fours in the history of football, consisting of Baresi, Paolo Maldini, Alessandro Costacurta and Mauro Tassotti. He is also one of the few players who spent his entire career at one club, Milan, for whom he played 532 games, scoring 16 goals.



In September 1991, he received the Ufficiale Ordine al Merito della Repubblica Italiana, which is an great honor and extremely unusual for a football player.

He retired from playing in 1997 aged 37. With Milan, Baresi won six scudetti (Serie A league titles) and three European Cups. He mentored defensive partner Paolo Maldini in his later years, whose career has followed a similar path.

His No. 6 jersey was retired by the club, a rarity for Italian football. After a short spell as Director of Football at Fulham, Baresi returned to Milan as a youth team coach in 2002 but has since retired from coaching.



LOT 108

FRANCO BARESI

HEUER, CARRERA RE-EDITION, REF. CS3140, NO. II/XX, MADE IN A LIMITED EDITION OF 20 PIECES IN 1996, RETAILED BY GRIMOLDI IN MILAN

Very fine and rare, 18K yellow gold, water-resistant gentlemen's chronograph wristwatch with round pump pushers, 30-minute and 12-hour registers. Accompanied by Certificate of Origin, original fitted box, guarantee and booklet.

The present watch is number 2 of a limited edition made in 1996 to commemorate the 20 years of Franco Baresi's career in the AC Milan. 20 pieces in yellow gold were produced, as well as 100 pieces in stainless steel. To commemorate the event, Heuer decided to launch a re-edition of the famous 1964 Carrera chronograph.

FUNCTIONS: Chronograph, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm ∅, thickness 13 mm
CASE: Two-part, circular, polished and brushed, flat bezel, faceted lugs, screw-down case back, back engraved with the watch reference number (CS3140), Heuer identification number (0546), limited edition number (II/XX), Franco Baresi's signature, "20 ANNI DI MILAN" and "BY GRIMOLDI"
DIAL: Silvered, *satiné*, with applied yellow gold faceted *bâton* indexes, outermost minutes/chronograph track, sunk *guilloché* subsidiary dials for the seconds, 30-minute and 12-hour registers, Baresi's signature and N°6 between the subsidiary dials
HANDS: Yellow gold *bâton* with luminous inserts
MOVEMENT: Cal. Lemania 1873
ACCESSORIES: Original fitted box, Certificate of Origin, guarantee and booklet
CONDITION:

Case: Excellent	Dial: Excellent
Hands: Excellent	Movement: Excellent

ESTIMATE: EUR 4,000 – 4,500

LOT 109

Information coming soon

LOT 110

LOT 111

Information
coming
soon

LOT 112

Information
coming
soon

LOT 114

Information coming soon

LOT 113

Information coming soon

LOT 116

LOT 117

LOT 118

Information
coming
soon

LOT 119

Information
coming
soon

LOT 121

Information coming soon

LOT 120

Information coming soon

LOT 123

RE-EDITIONS

The Heuer Monaco disappeared from the catalogs around 1975. TAG Heuer first became interested in its Heuer heritage in the late 1990's when the company decided to launch a "Re-edition" collection made up of the Carrera and the Monaco along with short series versions such as the series made to honor five F1 races: US GP (Indy speedway), Monza GP (Italy), Monaco GP(Monaco), Hockenheim GP(Germany) and Silverstone GP(UK) and the Baresi limited edition.

The Re-edition collection was a great success and was followed by others in the classic range including new "retro" models (Carrera GMT and Monza).

The Re-edition series marked a change in marketing strategy for TAG Heuer, combining the heritage of Heuer with the technology of TAG. Following the takeover by LVMH, TAG Heuer continued with the series, but decided to drop the Heuer-only branding and revert to TAG Heuer. The Autavia and Targa Florio followed.

Today, The Carrera and Monaco are a key part of the TAG Heuer model range, with the Monaco and Carrera names being used on the new technology pieces (V4 Monaco, Carrera Caliber 360).

There is often confusion around the black Monaco's, and what is a re-edition and what is not. The first of the re-editions has a flat black face and two dial register model CS2110 and was a limited edition of 5000 and are probably the rarest of the re-edition Monaco's. This was followed by the Heuer-only branded CS2111 in a limited edition of 5000, which had an entirely new dial design. This design proved to be a success and TAG Heuer added the model to the permanent range, changing the model to CW2111 and adding "TAG Heuer" to the dial.

This was also the time that a blue dialed "Steve McQueen" model was added. TAG Heuer released a blue Monaco re-edition "Heuer" only on the dial for its 40th anniversary.

The 2009 model, the Caliber 12 Monaco, goes back to the two-register layout and less cluttered dial of the CS2110. The new model has a slightly larger case and for the first time a sapphire crystal glass.

LOT 124

THE FIRST MONACO RE-EDITION

HEUER, MONACO, "AUTOMATIC CHRONOGRAPH", REF. CS2110, NO. 857/5000, MADE IN A LIMITED EDITION OF 5000 EXAMPLES IN 1997, SOLD ON JUNE 1, 1999
Very fine, square convex, stainless steel, self-winding, water-resistant gentlemen's chronograph wristwatch with octogonal pump pushers, 30-minute register, date, a TAG Heuer leather strap and a stainless steel Heuer buckle. Accompanied by original fitted box, international guarantee and booklets

FUNCTIONS: Self-winding, chronograph, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 38 mm, thickness 13 mm
CASE: Two-part, brushed, flat bezel, faceted lugs, chronograph pushers at 2 and 4, winding and hour-setting crown at 9, back secured with four screws
DIAL: Black, with applied stainless steel faceted *bâton*, outer minutes/chronograph track, subsidiary dials for the seconds and 30-minute register, aperture for the date at 6
HANDS: Stainless steel *bâton* with red and luminous inserts, white chronograph
ACCESSORIES: Original fitted box, international guarantee and booklets
MOVEMENT: Cal. 2894-2
CONDITION:
Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent
ESTIMATE: € 3,200 – 3,800



LOT 125

LIMITED EDITION GP MONACO

TAG HEUER, GP MONACO, CHRONOGRAPH,
REF. CK 1116-0, NO. 145/800, MADE IN A LIMITED EDITION OF 800 PIECES, CIRCA 1999
Fine, circular, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating 60 unit bezel, tachometer graduated to 400 units, 10-minute and 12-hour registers, date and a stainless steel Tag Heur bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 400 units, 10-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 12 mm
CASE: Three-part, polished and brushed, unidirectional rotating bezel graduated to 60 seconds/minutes, screw-down back engraved with the Monaco circuit design and the limited edition number
DIAL: Two-tone, silvered and black, radially brushed, applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds, 10-minute and 12-hour registers, aperture for the date at 4
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Quartz
CONDITION:
Case: Almost mint — Dial: Almost mint
Hands: Almost mint — Movement: Almost mint
ESTIMATE: € 1,600 – 2,000





LOT 126

LIMITED EDITION GP MONZA

TAG HEUER, GP MONZA, CHRONOGRAPH,
REF. CK 1119-0, NO. 145/800, MADE IN A LIMITED EDITION OF 800 PIECES, CIRCA 1999
Fine, circular, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating 60 unit bezel, tachometer graduated to 400 units, 10-minute and 12-hour registers, date and a stainless steel Tag Heur bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 400 units, 10-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 12 mm
CASE: Three-part, polished and brushed, unidirectional rotating bezel graduated to 60 seconds/minutes, screw-down back engraved with the Monza circuit design and the limited edition number
DIAL: Two-tone, silvered, radially brushed, applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds, 10-minute and 12-hour registers, aperture for the date at 4
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Quartz
CONDITION:
Case: Almost mint — Dial: Almost mint
Hands: Almost mint — Movement: Almost mint
ESTIMATE: € 1,600 – 2,000

RE-EDITIONS



127



128



129

LOT 127

LIMITED EDITION GP USA

TAG HEUER, GP USA, CHRONOGRAPH, REF. CK 111A-0, NO. 145/800, MADE IN A LIMITED EDITION OF 800 PIECES, CIRCA 1999
Fine, circular, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating 60 unit bezel, tachometer graduated to 400 units, 10-minute and 12-hour registers, date and a stainless steel Tag Heur bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 400 units, 10-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 12 mm
CASE: Three-part, polished and brushed, unidirectional rotating bezel graduated to 60 seconds/minutes, screw-down back engraved with the Indy Speedway design and the limited edition number
DIAL: Two-tone, white and silver, applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds, 10-minute and 12-hour registers, aperture for the date at 4
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Quartz
CONDITION:
Case: Almost mint Dial: Almost mint
Hands: Almost mint Movement: Almost mint
ESTIMATE: € 1,600 – 2,000

LOT 128

LIMITED EDITION GP SILVERSTONE

TAG HEUER, GP SILVERSTONE, CHRONOGRAPH, REF. CK 1117-0, NO. 145/800, MADE IN A LIMITED EDITION OF 800 PIECES, CIRCA 1999
Fine, circular, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating 60 unit bezel, tachometer graduated to 400 units, 10-minute and 12-hour registers, date and a stainless steel Tag Heur bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 400 units, 10-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 12 mm
CASE: Three-part, polished and brushed, unidirectional rotating bezel graduated to 60 seconds/minutes, screw-down back engraved with the Silverstone circuit design and the limited edition number
DIAL: Two-tone, blue and silvered, applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds, 10-minute and 12-hour registers, aperture for the date at 4
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Quartz
CONDITION:
Case: Almost mint Dial: Almost mint
Hands: Almost mint Movement: Almost mint
ESTIMATE: € 1,600 – 2,000

LOT 129

LIMITED EDITION GP HOCKENHEIM

TAG HEUER, GP HOCKENHEIM, CHRONOGRAPH, REF. CK 1118-0, NO. 145/800, MADE IN A LIMITED EDITION OF 800 PIECES, CIRCA 1999
Fine, circular, stainless steel, water-resistant gentlemen's chronograph wristwatch with round pump pushers, rotating 60 unitbezel, tachometer graduated to 400 units, 10-minute and 12-hour registers, date and a stainless steel Tag Heur bracelet with deployant clasp

FUNCTIONS: Chronograph, tachometer graduated to 400 units, 10-minute and 12-hour registers, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm , thickness 12 mm
CASE: Three-part, polished and brushed, unidirectional rotating bezel graduated to 60 seconds/minutes, screw-down back engraved with the Hockenheim circuit design and the limited edition number
DIAL: Black, applied stainless steel and luminous *bâton* indexes, outer minutes/chronograph track, outermost tachometer graduation, subsidiary dials for the seconds, 10-minute and 12-hour registers, aperture for the date at 4
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Quartz
CONDITION:
Case: Almost mint Dial: Almost mint
Hands: Almost mint Movement: Almost mint
ESTIMATE: € 1,600 – 2,000


Soleil Levé
Soleil Couché

THE NEWLY DISCOVERED,
LOST SINCE 1754,

CHRISTIAAN HUYGENS' PERFECT-MARINE BALANCE CLOCK

TO BE AUCTIONED
BY PATRIZZI & CO IN THE FALL OF 2010.

"From his first pendulum clock in 1657 to his last sketches for a "perfect marine balance", Huygens' efforts to capture the uniform flow of time in a reliable mechanism, and especially in a device immune to disturbance from its (possibly moving) surroundings, ranged from the most general theory to the most intricate practice."

Prof. Michael S. Mahoney,
Princeton University

◊◊◊◊◊

In the last surviving letter (to his brother, March 4, 1695) Huygens writes of his newest horological invention which he applied to an existing clock with an equation of time.
He intended to publish a paper about it, but death took him first (July 8 of the same year).
This clock is the quintessence of Huygens' lifelong experiences in the field of precision timekeeping and one which best exemplifies Prof. Mahoney's quote listed above.
It stayed in the family until until 1754, when it was sold at an auction and disappeared. It re-appeared just a few years ago.

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Patrizzi & Co is proud to present it to the public after over quarter of millennium "in hiding".

This unique and historically most important piece will be auctioned by Patrizzi & Co in the fall of 2010.

NEWLY DISCOVERED HUYGENS' LONGITUDE CLOCK. PART II.

By Philip Poniz

In a letter dated 12 December, 1683 Huygens wrote to mathematician Bernard Fullenius:

> **"...at the request of the Directors of the Indies Company, and in order to find longitude, I undertook to construct clocks of which the regulation would be equal to a three-foot pendulum clocks, but would not be disturbed by the motion of the sea. I found the task to be more difficult that I had initially thought, although it is not completed yet there is little doubt that it will succeed. "[1]**

Success had to wait another twelve years, and just as it was finally in reach Huygens died – but not before he had made this clock which was itself to lead to the solution of the longitude problem.

Huygens was preoccupied with discovering a method for finding longitude all of his adult life. This longitude clock is his last (and most promising) attempt. With his invention of the pendulum he was able to construct marine clocks, and later, thanks to his invention of the balance spring. But it was all to no avail; the sea trials in 1686-87 and in 1690-92 did not live up to expectations.

The fame Huygens sought as the inventor of the first reliable clock for determining longitude at sea was eluding him and although this affected him greatly[2] he did not give up. His explorations took him into uncharted regions of abstract mechanics, where he applied the newest mathematics of his day. At one point, he had to create a new branch of mathematics, the theory of evolutes. His theoretical discoveries were intended to be applied in practical improvements of the clocks. From his first pendulum clock in 1657 to his last sketches for a "perfect marine balance" (which was implemented in only two clocks) one of which is this one, Huygens' efforts to capture the uniform flow of time in a reliable mechanism, and especially in a device immune to disturbance from its surroundings, ranged from the most general theory to the most intricate practice.

Theory and practice in turn narrowed the tolerance between the abstract and the practical, his initial longitude clock failures simply showed him a way into the future. While Huygens' premature death prevented him from finding the ultimate solution for longitude, he was very close. Eventually, it was captured by John Harrison (who interestingly was born in the year Huygens died) who found the answer in metallurgy, but it was Huygens' work that guided him through the mechanics.[3]

These mechanics achieved their pinnacle in this newly discovered Huygens' clock, the last one he ever built, partially with his own hands, the one to which he applied his lifetime experience, and which eventually was to lead to the solution of the longitude problem. This was firmly believed, for instance, by Henry Sully who built such a clock and showed it to the Académie Royale des Sciences in April 1723. In the report of the Académie it was stated "....during the first trial made at the Observatory, the clock did not vary more than nineteen seconds in eight full days ."[4]

In modern horological literature, this clock is only mentioned (and briefly) by John Leopold in his address at the 1993 Longitude Symposium at Harvard [5] "...in March 1695, Huygens had an existing clock (with equation of time) converted to the new balance, but about this we have no further details. Indeed, it is the last we hear from Huygens about horology, for he died on 8 July 1695. A publication on the new clock, which he had announced shortly before his death, was never written."

Leopold bases the above on the last surviving Huygens' letter[6] , in which Huygens writes to his only brother about converting an existing clock with equation of time to his new balance – Balancier Marin Parfait. This was in March of 1695. He intended to publish this (OC, vol 10, no. 2892, p. 711) but, as Leopold concludes, Huygens' death on July 8, 1695 prevented it.

Huygens employs two new concepts in this clock; his Perfect Marine Balance and a new, apparently invented by him, form of escapement.

The Perfect Marine Balance is an ingenious device consisting of a large vertical balance with a small pendulum affixed to it. The concept sounds crazy but, as Huygens proved theoretically, the system is isochronous!

The new escapement, invented by Huygens, is the first attempt to create a frictional rest escapement.[7] The impulse is given to a chronometer-like pallet by one escape wheel with locking via a second wheel.

The clock's case is constructed in such a way that unless one is very familiar with how to take it apart, it is impossible to see anything inside or even quickly take it apart. No part of the movement can be reached, the back is solid, the winding is done through the dial, and the solid side panels guard glimpsing at the movement from the sides.

This is entirely consistent with the research of the two foremost Huygens' experts; John Leopold and Prof. Michael Mahoney. Leopold stated: Huygens' work in establishing longitude by timepieces was a "matter of some secrecy". Mahoney joins along with "...Huygens jealously guarded the fortune that might result from his inventions".

The clock is of the utmost importance, first because it is the culmination of Huygens' lifetime of experience, secondly because its mechanics inspired the Harrison's £ 20,000 reward clock[8] , thirdly because it is the first existing attempt to create frictional rest escapement, and fourthly for it is the earliest known longitude clock in existence.

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[1] Oeuvres Complètes de Christiaan Huygens, vol 8, p. 475.
[2] Huygens to Carcavi, February, 26, 1660, Oeuvres Complètes de Christiaan Huygens. Vol 3, p. 28
[3] W. S. Laycock, "The Lost Science of John "Longitude" Harrison" 1976.
[4] When this clock first re-appeared it was suggested that it might be attributed to Sully. This is not possible for a number of reasons, such as, for example, the lack of a signature, the quality of the workmanship, the secrecy of the case, and the new, never before heard of, escapement.
[5] The Proceedings of the Longitude Symposium, Harvard University, Cambridge, November 4-6, 1993, p. 112.
[6] Oeuvres Complètes de Christiaan Huygens , vol. 10, no. 2891, pp. 709-10
[7] Robert Hooke possibly invented the first; a form of pirouette duplex. It is also conceivable that Huygens had known about Hooke's invention (through Oldenburg), and applied it to this clock. In any case, no Hooke specimen has survived, in contrast, Huygens' clearly has.
[8] W.S. Laycock in his "The Lost Science of John "Longitude" Harrison" (1976) stated: "...the Englishman owed far more to his Dutch predecessor than he either knew or would admit."



LOT 130

JAEGER-LECOULTRE, "ATMOS", MODEL 528/6, NO. 139813, PRODUCED CIRCA 1969

Fine, rectangular, gilt brass and glass Atmos clock wound by barometric changes in original fitted box

The Atmos clock was invented by Neuchâtel engineer Jean-Léon Reutter (1899-1971). From his teens he was preoccupied by the idea of an industrial production clock that could be wound by atmospheric fluctuations. In 1928 he succeeded. Reutter's patent was first licensed to a French company who exploited it until 1935. Subsequently, it was purchased by Jaeger LeCoultre. After difficult early years, by 1979 there were half a million such clocks which quickly became popular and prestigious gifts for the important heads of states during their visits to Switzerland.
FUNCTIONS: Hours and minutes
SIGNED: Dial, case, movement, vacuum can
DIMENSIONS: Height 23 cm, width 18 cm
CASE: Glazed on four sides and top, with brass base and columns, base with two decorative attachments
DIAL: Off-white ring, applied Arabic 3, 6, 9 and 12 and applied gilt brass dart indexes
HANDS: Gilt *dauphine*
MOVEMENT: Gilt brass, vacuum chamber winding the going barrel, 15 jewels, lever escapement driven by annular tension pendulum, locking lever above the pendulum disk, regulator at top
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,500 - 2,000

LOT 131

JAEGER-LECOULTRE, "ATMOS", MODEL 529, NO. 106116, PRODUCED CIRCA 1953

Fine, rectangular, gilt brass and glass, Atmos clock wound by barometric changes, in original fitted box

The Atmos clock was invented by Neuchâtel engineer Jean-Léon Reutter (1899-1971). From his teens he was preoccupied by the idea of an industrial production of a clock that could be wound by atmospheric fluctuations. In 1928 he succeeded. Reutter's patent was first licensed to a French company who exploited it until 1935. Subsequently, it was purchased by Jaeger LeCoultre. After difficult early years, by 1979 there were half a million such clocks which quickly became popular and prestigious gifts for the important heads of states during their visits to Switzerland.
FUNCTIONS: Hours and minutes
SIGNED: Dial, case, movement, vacuum can
DIMENSIONS: Height 23 cm, width 18 cm
CASE: Glazed on four sides and the top with brass base and columns, inscription on the base
DIAL: Off-white ring, applied Arabic 3, 6, 9 and 12 and appied gilt brass dart indexes
HANDS: Gilt *dauphine*
MOVEMENT: Gilt brass, vacuum chamber winding the going barrel, 15 jewels, lever escapement driven by annular tension pendulum, locking lever above the pendulum disk, regulator at top
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,500 - 2,000





LOT 132
MYSTERY BAROMETER
C.P. GOERTZ, BERLIN, MADE FOR ITALIAN MARKET, CIRCA 1930
Very rare, painted on metal, barometer made in the form of a mystery clock

Another barometer of this type, similar to this one, was used even by Cartier at least once. It was sold by Patrizzi & Co. on October 25, 2009 for 130,000 CHF.

FUNCTIONS: Barometer
SIGNED: Dial
DIMENSIONS: Height 16 cm, top 8.5 cm, base 8.5 cm
CASE: Black base smoothly curving into a narrow neck holding the barometer in a black bezel
DIAL: Glass, painted on inside with white Arabic numerals from 720 to 790, with single graduation, Italian weather forecast inscriptions, reminder hand adjusted by brass knob in the center of the dial
HANDS: Arrow-shaped gilt brass and white for the reminder
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,000 - 2,000

LOT 133
WORLD TIME CLOCK
KIENZLE, GERMANY, CIRCA 1950
Unusual, large, gilt brass, world time table clock

The clock is based on Louis Cottier's mechanism invented circa 1930. Unlike most others, this clock has a world map connected with a revolving time disk very visually showing times all over the world. The clock has a simple mechanism to set the base time to any location desired.

FUNCTIONS: Times in all parts of the world, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: 25 cm Ø, height 29 cm
CASE: Gilt brass, U-shaped base, gilt bezel, back with local time adjustment pin
DIAL: White with gold map of the Earth with marked major cities, large applied gilt Roman hours, painted minutes divisions, aperture below for the time in different places spanning 24 hours
HANDS: Gilt *dauphine*
MOVEMENT: Lever escapement with battery operated remontoire
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 600 - 1,000





LOT 134

"JUST"

PIETRO GIUDICI, MILAN, JUST, MODEL "A.1", "CH. HOUR, FRANCE", NO. 4767, CIRCA 1920

Rare, marble and gilt bronze, Art Deco, 8-day going, hour and half hour striking, pendulum table clock

The clock was featured in the Hour, Lavigne & Cie Art Deco catalog of *Just* clocks, p. 15. Hour, Lavigne & Cie, formerly Charles Hour, has been manufacturing clocks since 1848. They are still in business today.

FUNCTIONS: Hour and half hour striking, hours, minutes
SIGNED: Dial by Giudici, movement "Just"
DIMENSIONS: Height 24 cm, width 31 cm
CASE: Two rectangular blocks of marble on each side flanking the dial, matching marble feet, gilt bronze dial frame
DIAL: Vertical Roman hours painted in square cartouches with shadow accents, on matte gilt base, center with a square block of matching marble
HANDS: Gilt spade
MOVEMENT: Square, brass, going barrels, Graham dead-beat escapement, short pendulum with brass bob, spring suspension with micro adjustments, striking on 4-coil gongs
CONDITION:

Case: Very good	Dial: Very good
Hands: Very good	Movement: Very good

ESTIMATE: € 1,000 - 1,500

LOT 135
ART DECO
F.C., FRANCE, CIRCA 1925
Rare, Art Deco, marble and gilt bronze, 8-day going, hour and half hour striking, pendulum table clock

FUNCTIONS: Hour and hour striking, hours, minutes
SIGNED: Punch with maker's mark on the back plate
DIMENSIONS: Height 33 cm, base width 30 cm
CASE: Art Deco geometrical construction supported by two blocks of white rectangular marble with different color checker-pattern square marble in front, similar vertical blocks flanking large piece of a white marble block housing the movement, red marble top, gilt brass dial bezel, gilt brass all length feet
DIAL: Graduated radial Arabic hours on gilt matte ground, outer minutes track, winding apertures
HANDS: Blued steel Art Deco "rectangular block"
MOVEMENT: Circular, brass, going barrels
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 800 - 1,200





LOT 136

OYSTER, REF. 6598

ROLEX, OYSTER PERPETUAL, OFFICIALLY CERTIFIED CHRONOMETER, REF. 6598, CASE NO. 435219, MADE CIRCA 1958-1959
Fine, 18K yellow gold, self-winding, center-seconds gentlemen's wristwatch

FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 12 mm
CASE: Two-piece, circular, polished, with sloped bezel, curved down lugs, screw-down case back and crown
DIAL: Silvered, radially brushed, with applied yellow gold faceted *bâton* and dart indexes, outer minute track
HANDS: Yellow gold luminous *dauphine*
MOVEMENT: Cal. 1030, rhodium-plated, *Côtes de Genève* decoration, 25 jewels, straight-line lever escapement, monometallic balance adjusted to five positions, shock absorber, self-compensating blued Breguet balance spring, index regulator
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,500 – 2,000

LOT 137

YELLOW GOLD "NON-MAGNETIC" CHRONOGRAPH

MOVADO, "NON-MAGNETIC" CHRONOGRAPH, REF. 9018, CASE NO. 99264, RETAILED BY MAPPIN & WEBB, MADE IN THE 1940s
Very fine, 18K yellow gold, anti-magnetic gentlemen's chronograph wristwatch with round pushers, tachometer and registers

FUNCTIONS: Chronograph, 60-minute and 12-hour registers, hours, minutes, seconds
SIGNED: Dial and movement signed, case numbered
DIMENSIONS: 32.5 mm Ø, thickness 13 mm
CASE: Two-piece, polished and brushed, sloped bezel, faceted lugs, screw-down case back, soft iron cap forming anti-magnetic Faraday cage
DIAL: Silvered with luminous *bâton* indexes, outer minute/second divisions, outermost tachometer scale to 900 uph, subsidiary sunk dials for the 60-minute register at 3, the 12-hour register at 6 and the small seconds at 9
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. C 90, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance spring
CONDITION:
Case: Very good
Dial: Good condition, nice patina, slightly scratched
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 4,000





LOT 138

EXPLORER, REF. 1016

ROLEX, OYSTER PERPETUAL, EXPLORER, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 1016, CASE NO. 3807033, MADE IN 1974, SOLD ON DECEMBER 13, 1976
Fine, stainless steel, self-winding, center-seconds, water-resistant gentlemen's wristwatch with stainless steel Rolex Oyster bracelet with deployant clasp. Accompanied by original fitted box and guarantee.

FUNCTIONS: Self-winding, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, polished and brushed, sloped bezel, curved lugs, screw-down back and crown
BRACELET: Stainless steel Rolex Oyster with deployant clasp
DIAL: Black, matte, luminescent *bâton* and triangular indexes and Arabic numerals, outer minutes/seconds track
HANDS: Stainless steel luminous Mercedes
MOVEMENT: Cal. 1570, rhodium-plated, *Côtes de Genève* decoration, 26 jewels, straight-line lever escapement, monometallic balance adjusted to five positions and temperature, shock absorber, self-compensating free-sprung Breguet balance spring
ACCESSORIES: Original fitted box and guarantee
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 4,500 – 6,000

LOT 139

LONGINES, NO. 5335923, RETAILED BY EBERHARD IN MILANO, MADE IN THE LATE 1930s
Very fine and elegant, stainless steel gentlemen's wristwatch

FUNCTIONS: Hours, minutes, seconds
SIGNED: Dial and movement
DIMENSIONS: 32 mm Ø, thickness 10 mm
CASE: Three-part, circular, polished and brushed, with flat bezel, curved down lugs, snap-on back
DIAL: Black, with painted white Arabic numerals and *bâton* indexes, outer minute track, subsidiary seconds dial at 6
HANDS: White *feuille*
MOVEMENT: Cal. 12.68 Z, gilt, straight-line lever escapement, cut bimetallic compensation balance, self-compensating blued steel flat balance spring, index regulator
CONDITION:
Case: Good condition, minimal wear signs
Dial: Very good
Hands: Good, slight scratches
Movement: Very good
ESTIMATE: € 2,500 – 3,000





LOT 140

DER DOPPELCHRONOGRAPH

IWC, SCHAFFHAUSEN, DER DOPPELCHRONOGRAPH, REF. 3713, CASE NO. 2887173, MADE IN THE 1990s
Very fine, stainless steel, self-winding, water resistant gentlemen's chronograph wristwatch with round pushers, split-seconds, registers, day and date indications, and integrated stainless steel IWC bracelet with deployant clasp. Accompanied by original fitted box and Certificate.

FUNCTIONS: Self-winding, split-seconds chronograph, 30-minute and 12-hour registers, date, days of the week, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 42 mm Ø, thickness 17 mm
CASE: Two-piece, polished and brushed, stepped faceted bezel, split-seconds button at 10, screw-down case back and crown, soft iron anti-magnetic cap, sapphire crystal
BRACELET: Integrated stainless steel IWC bracelet with deployant clasp
DIAL: White with applied stainless steel Arabic numerals, luminous triangular and square indexes, outer minute/second divisions, subsidiary sunk dials for the 12-hour register at 6, the small seconds at 9 and the 30-minute register at 12, apertures for the days and date at 3
HANDS: Stainless steel luminous *bâton*
MOVEMENT: Cal. C 79230
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 8,000 – 10,000

LOT 141

CALENDRIER PERPETUEL GRAND REVEIL

JAEGER-LECOULTRE, "CALENDRIER PERPETUEL, GRAND REVEIL", NO. 0823, REF. 180.1.99, MOVEMENT NO. 2439933, MADE IN THE 1990s
Very fine and rare, 18K yellow gold, astronomic, self-winding, water resistant gentlemen's wristwatch with perpetual calendar, phases of the moon, 24-hour indication and alarm striking on a bronze bell

FUNCTIONS: Self-winding, alarm, phases of the moon, 24-hour indication, leap-year indication, days of the week, date, months, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 41 mm Ø, thickness 15 mm
CASE: Two-piece, circular, polished, convex stepped bezel, fluted lugs, alarm crown at 2, time-setting and winding crown at 4, pusher for quick adjustment of the calendar between 8 and 9, back secured with six screws
DIAL: White with applied white and yellow gold luminous indexes, outer minute/second track, outermost blue alarm divisions, subsidiary dials for the days of the week at 3, the 24-hour indication at 6, the date at 9 and the months at 12, aperture for the leap-year indication at 1 and the phases of the moon at 6
HANDS: Blued steel skeleton *épée*, yellow gold with red arrow for the alarm
MOVEMENT: Cal. 919
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 10,000 – 14,000





LOT 142

YELLOW GOLD ASTRONOMIC "CLASSIQUE"

BREGUET, PARIS, YELLOW GOLD "CLASSIQUE", REF. 2048A, MOVEMENT NO. 2719, CIRCA 2000, SOLD IN JULY 2002
Very fine and rare, 18K yellow gold, self-winding, astronomic, water resistant at 30 meters gentlemen's wristwatch with phases of the moon, age of the moon, date and days of the week, leather strap and 18K yellow gold Breguet buckle. Accompanied by original fitted box, Certificate of Origin and Warranty and booklet.

FUNCTIONS: Self-winding, phases of the moon, age of the moon, date, days of the week, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: 36 mm Ø, thickness 7 mm
CASE: Three-part, circular, convex bezel, straight lugs, reeded and fluted band, correctors on the band, snap-on back
DIAL: Silvered, brushed, off-center chapter ring with painted black Roman hours and outer minute dot divisions, engine-turned background in a cross-weave basket pattern, aperture for the phases of the moon at 12 combined with a graduated sector for the age of the moon, apertures for the date between 2 and 3, and for the days of the week between 9 and 10
HANDS: Blued steel Breguet
MOVEMENT: Cal.502.3
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 10,000 – 14,000

LOT 143

YELLOW GOLD LADY'S

BREGUET, PARIS, NO. 3203, MADE IN THE 1950s
Fine and elegant, 18K yellow gold ladies' wristwatch with a Breguet leather strap and 18K yellow gold buckle

FUNCTIONS: Hours, minutes
SIGNED: Dial and case signed, dial, case and movement numbered 3203
DIMENSIONS: 23 mm Ø, thickness 9 mm
CASE: Three-part, circular, polished, convex bezel, straight lugs, snap-on back
DIAL: Gold, matte, engine-turned outer ring with applied gold faceted darts and Arabic numerals
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. 970, rhodium-plated, *Côtes de Genève* decoration, 21 jewels, straight-line lever escapement, monometallic balance with screws, self-compensating flat balance spring
CONDITION:
Case: Very good
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 – 4,000



LOT 144

SET OF THREE "PORTUGUESE F.A. JONES"

IWC, SCHAFFHAUSEN, "PORTUGUESE F.A. JONES", REF. 5442, CIRCA 2005:

- **PLATINUM, NO. 162/500, CASE NO. 3070569**
- **18K PINK GOLD, NO. 171/1000, CASE NO. 3070003**
- **STAINLESS STEEL, NO. 817/3000, CASE NO. 3069594**

Very fine and rare, oversized, platinum, 18K pink gold and stainless steel set of three gentlemen's wristwatches with original IWC leather straps and platinum, 18K pink gold and stainless steel buckles. Accompanied by original fitted boxes, International Guarantee, selvyt cloth and booklets.

The "Portuguese F.A. Jones" collection was launched in 2005 in honor of IWC's founder, Florentine Ariosto Jones. It was made in a limited edition of 3000 examples in stainless steel, 500 in platinum and 1000 in pink gold.

F.A. Jones was a member of the Howard Watch & Clock Company in Roxbury, Massachusetts, near Boston. After the American Civil War, he travelled from Boston to Switzerland in search of Swiss skills for a new watch factory. In 1868 he founded a watch company in Switzerland and began to manufacture high-quality movements and watch parts for the American market. IWC was established in Schaffhausen in large part to harness the hydroelectric power available from the adjacent Rhine River.

Jones caliber watches had certain characteristic design features which included a three-quarter plate covering three-quarters of the movement, an extra-long index for timing adjustment, and a bimetallic balance for temperature adjustment. While none of these attributes were unique, a Jones movement can be easily identified by its characteristic regulating index. This is sometimes called the "Jones arrow" and, unlike most other regulating indexes, extends away from the balance wheel cock to the three-quarter plate.

In 1875, Florentine Ariosto left the company with serious financial problems. Despite the departure of Mr. Jones, IWC continued to be a major Swiss pocket watch producer. Between 1900 and 1930, IWC produced over 900,000 watches, and the overwhelming majority of them were pocket watches. It wasn't until the early 1930s that the Swiss watch industry produced more wristwatches than pocket watches.

In 1938, following a request from two Portuguese businessmen, Rodriguez and Texeira, IWC produced a new, highly accurate, oversized wristwatch. To accommodate their request, IWC's watchmakers decided to use some of their pocket watch movements in a large wristwatch. The Portuguese wristwatch was born.

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 43 mm Ø, thickness 11 mm
CASE: Two-piece, large, circular, polished and brushed, with concave bezel, curved down lugs, transparent case back secured with six screws, sapphire crystals, sticker on the back
DIAL: White enamel, with painted black, gold or dark blue Arabic numerals, outer minute track, subsidiary sunk seconds dial at 6
HANDS: Stainless steel, blue steel or gold Breguet
MOVEMENT: Cal. 98290, rhodium-plated, *Côtes de Genève* and geometric hand-engraved decoration, 18 jewels, monometallic balance adjusted to five positions, shock absorber, self-compensating Breguet balance spring, extra-long index regulator
ACCESSORIES: Original fitted boxes, International Guarantee, selvyt cloth and booklets
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 35,000 – 45,000


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LOT 145

AQUAMARE "JUST FOR FRIENDS"

ROGER DUBUIS, AQUAMARE, "JUST FOR FRIENDS", 300 M / 990 FT, REF. GA 41149 1.13C, MOVEMENT NO. 12450, NO. 444/888, MADE IN 2007, SOLD ON NOVEMBER 2008
Fine and rare, oversized, square curved, stainless steel, self-winding, water-resistant to 30 atm, gentlemen's wristwatch with a Roger Dubuis rubber strap and stainless steel Aquamare deployant clasp. Accompanied by Original fitted box, Certificate of Origin and Guarantee, *Bulletin d'observation* delivered by the Besançon Observatory on March 15, 2007, Water-resistance Control Certificate and pouch.

FUNCTIONS: Self-winding, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 41 mm, thickness 12 mm
CASE: Three-part, polished, brushed and sand-blasted, stainless steel bezel graduated to 60 minutes, double lugs with screwed bars, screw-down winding-crown with protecting guard and hinged cap, transparent back secured with eight screws, sapphire crystals
DIAL: White with geometric patterns, applied stainless steel Arabic and *bâton* indexes with brown inserts, sunk subsidiary seconds at 6
HANDS: Stainless steel *bâton* with brown inserts
MOVEMENT: Cal. RD 14
CONDITION:
Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent
ESTIMATE: € 8,000 – 12,000

LOT 146

SKELETON AUTOMATIC PLATINUM TOURBILLON

AUDEMARS PIGUET, ROYAL OAK "TOURBILLON AUTOMATIC", REF. 25902PT.OO.1110PT.01, MOVEMENT NO. 691444, CASE NO. F59317, MADE IN 2007, SOLD ON APRIL 3, 2009
Extremely fine and rare, skeletonized, platinum, self-winding, water-resistant, gentlemen's wristwatch with one-minute tourbillon regulator, 54-hour power reserve, and integrated platinum Audemars Piguet bracelet with deployant clasp. Accompanied by original fitted box, pouch, Certificate of Origin and Warranty, instruction booklet and accessories.

In the second half of the 18th century, the most advanced watchmakers were working on improving the accuracy of timing. Achieving identical setting of watches in all the vertical and horizontal positions still remained one of the major problems. In the vertical positions in particular, terrestrial attraction disturbs the regulating organ. In 1801, the watchmaker Abraham-Louis Breguet created a tourbillon system that would balance rate variations in the various vertical positions.

The operating principle has remained the same to the present day: the escapement components (wheel, pallet and balance) are not fitted rigidly in the movement, but are carried by a mobile cage. This cage rotates around its axis together with the escapement components, at a rate of one revolution per minute, and by its constant rotational motion compensates for rate variations in the vertical positions.

185 years later, in 1986, Audemars Piguet succeeded for the first time in fitting this system in a wristwatch with an automatic extra-thin movement. This automatic movement is provided with the smallest cage ever built, with an outer diameter measuring only 7.6 mm. With the escapement wheel included, this cage consists of no less than 60 different parts and weighs only 0.136 gram.

FUNCTIONS: Self-winding, tourbillon regulator, power reserve indication, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 40 mm, length 51 mm (lug to lug), thickness 12 mm
CASE: Three-part, polished and brushed, octagonal bezel set with 8 hexagonal nuts embanked in 8 screws on the back, sapphire crystals, setting time crown fitted on the case back
DIAL: Skeletonized, off-center white hour ring with painted black Roman numerals, subsidiary white rings for the date and power reserve, visible tourbillon cage enhanced by a fourth white ring
HANDS: Black *feuilles,* blue steel *épée* for power reserve and date
MOVEMENT: Cal. 2875, copper-nickel-zinc bottom plate and bridges, 41 jewels, titanium tourbillon cage, balance with weighting screws, "KIF Elastor" balance-wheel shock absorbing system, flat balance spring, 21,600 vibrations/hour, automatic winding mechanism with weight having limited or sector rotation, platinum/iridium rotor
ACCESSORIES: Original fitted box, Certificate of Origin and Warranty, instruction booklet and accessories
CONDITION:
Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent
ESTIMATE: € 130,000 – 140,000


AUDEMARS PIGUET





LOT 147

LANGE 1 TOURBILLON

A. LANGE & SOHNE, GLASHUTTE, "LANGE 1 TOURBILLON", REF. 704.025, MOVEMENT NO. 16344, CASE NO. 129265, NO. 15/150, MADE IN A LIMITED EDITION OF 150 EXAMPLES, CIRCA 2000-2002, SOLD ON OCTOBER 23, 2002

Extremely fine and important, platinum, gentlemen's wristwatch with visible one-minute tourbillon regulator, large date, power reserve, and original A. Lange & Söhne leather strap with platinum buckle. Accompanied by original fitted box, International Guarantee, instruction booklet, Selvyt cloth and pouch.

The Lange 1 Tourbillon was released on the 100th anniversary of Emil Lange's release of his tourbillon pocket watch in Paris at the beginning of the 20th century. Proudly displaying the "Made in Germany" label, it was the world's first wristwatch with a tourbillon, a patented outsize date, twin mainspring barrels for three days' power reserve, and a progressive power-reserve indicator.
The Lange 1 has a delicate cage that rotates about its own axis once a minute to cancel out the effects of gravity on the rate accuracy. The miniature steel cage of the tourbillon containing the balance wheel, the balance spring, and the escapement, consists of 72 parts and is suspended between two diamond endstones. The cage weights less than half a gram and measures just 12.3 in diameter. Overall, the movement is a breathtaking ensemble of 378 meticulously finished parts that interact to perfection as can be observed through the sapphire crystal back.
Because of its impressive technical features and its aesthetic appeal this tourbillon chronometer is the most prestigious of all wristwatches produced by A. Lange & Söhne, representing the culmination of over 150 years experience in the production of high quality precision timepieces. The limited edition consisted of 250 watches in pink gold and 150 in platinum. The masterpiece was produced from 2000 to 2003.
FUNCTIONS: Tourbillon regulator, large date, power reserve, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 39 mm Ø, thickness 10 mm
CASE: Three-part, polished and brushed, convex bezel, dropped down lugs, corrector for the date on the band at 10, transparent back secured with six screws, sapphire crystals
DIAL: Silvered, *satiné*, off-center hour ring dial with applied Roman and lozenge indexes, outer minutes track and subsidiary seconds, sector for the power reserve between 2 and 4, aperture for the large date at 1, aperture for the tourbillon cage under a polished steel bridge at 5
HANDS: White gold alpha
MOVEMENT: Cal. L 9611, Glashütte 2/3 plate movement, rhodium-plated, *Côtes de Genève* decoration, 49 jewels, screwed gold *châtons*, blued screws, twin barrel with 72-hour power reserve, lateral lever escapement with one-minute tourbillon regulator, cage with three equidistant polished steel arms, Glucydur screw balance adjusted to five positions, shock absorber, self-compensating Breguet balance-spring, diamond endstone for balance on front and backside, hand-engraved balance bridge
CONDITION:

Case: Excellent	Dial: Excellent
Hands: Excellent	Movement: Excellent

ESTIMATE: € 100,000 – 120,000


A. LANGE & SÖHNE
GLASHÜTTE I/SA
A. LANGE & SÖHNE
GLASHÜTTE I/SA


A. LANGE & SÖHNE
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MADE IN GERMANY
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LOT 148

NUDE ON A ROCK

LE LOCLE, SWITZERLAND, CIRCA 1925
Rare, 14K yellow gold and painted enamel, hunting-cased, keyless, gentlemen's dress pocket watch

FUNCTIONS: Hours and minutes
SIGNED: Case marked "F.A.C." in oval
DIMENSIONS: 53 mm Ø
CASE: Five-part, *bassine*, polished, front with painted scene depicting a nude on a rock, clouds in the background, brass hinged cuvette
DIAL: White enamel, Arabic hours, outer minutes divisions, pressed subsidiary seconds
HANDS: Gold Louis XV
MOVEMENT: 44 mm, frosted gilt, straight-line lever escapement, cut-bimetallic compensation balance with blued steel Breguet balance spring, swan-neck micrometric regulator
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 4,000 - 6,000

LOT 149
MINUTE REPEATER
INITIATIVE, SWISS, CIRCA 1930.
Fine, 18K yellow gold, hunting-cased, keyless, minute-repeating pocket watch with chronograph and 30-minute instantaneous register

The repeating activation was patented in 1897 by Barbezat-Baillot from Le Locle.

FUNCTIONS: Minute repeating, chronograph, instantaneous minute register, hours, minutes, seconds
SIGNED: Dial, case
DIMENSIONS: 58 mm Ø
CASE: Five-part, *bassine*, polished, gold hinged cuvette
DIAL: White enamel, Arabic hours, outer minutes track, outermost chronograph track divided into fifths, subsidiary seconds at 9, register at 3
HANDS: Blued steel spade
MOVEMENT: 49 mm, frosted gilt, straight-line lever escapement, cut-bimetallic compensation balance with blued steel Breguet balance spring, repeating on gongs through patented by Barbezat-Baillot pushpiece at the band
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500-3,000





LOT 150
CHRONOMETRE HASLER
SWISS, CIRCA 1925
Interesting, 18K yellow gold, hunting-cased, keyless, astronomical, quarter-repeating pocket watch with chronograph, date, digital days of the week and months

FUNCTIONS: Phases of the moon, date, days of the week, months, hours, minutes, small seconds
SIGNED: Case "JHH" in rectangle
DIMENSIONS: 55 mm Ø
CASE: Five-part, *bassine*, polished, gold hinged cuvette
DIAL: White enamel, Arabic hours, outer minutes divisions, outermost chronograph track divided into fifths, subsidiary date at 12, days-of-the-week aperture at 9, months at 3, subsidiary seconds at 6
HANDS: Gold spade
MOVEMENT: 47 mm, frosted gilt, straight-line lever escapement, monometallic balance with self-compensating Breguet balance spring, repeating on gongs by depressing pushbutton in the band
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,500 - 4,000



LOT 151

MINUTE REPEATER

PATEK, PHILIPPE & CIE., GENÈVE, NO. 65898, made in 1884, sold on August 10, 1886
Very fine, 18K rose gold, keyless, minute-repeating pocket watch, in original mahogany fitted box with repeating provision.
Accompanied by Extract from the Archives.

FUNCTIONS: Minute repeating, hours, minutes, seconds
SIGNED: Dial and case, case and movement numbered
DIMENSIONS: 52 mm Ø
CASE: Five-part, *demi-bassine*, front cover engraved with ducal coat of arms, back with monogram "C.C.", gold hinged cuvette
DIAL: White enamel, Roman hours, outer minutes track, sunk subsidiary seconds
HANDS: Blued steel spade
MOVEMENT: 19‴, *maillechort*, *Côtes de Genève* decoration, 31 jewels, straight-line counterpoised lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, blued steel Breguet balance spring, repeating on gongs through activating slide in the band
ACCESSORIES: Original mahogany fitted box
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 - 16,000

LOT 152

KEYLESS POCKET WATCH

PATEK, PHILIPPE & CIE., GENÈVE, NO. 95772, CASE NO. 213609, CIRCA 1892
Very fine, 18K yellow gold, half-hunting cased, keyless, pocket watch

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 49 mm Ø
CASE: Five-part, *bassine*, polished, front cover with aperture surrounded by *champlevé* Roman hours and inner minutes track, gold hinged cuvette
DIAL: White enamel, Roman hours, outer minutes track, sunk subsidiary seconds
HANDS: Blued steel double spade
MOVEMENT: 42 mm, frosted gilt, straight-line moustache lever escapement, bimetallic compensation balance with blued steel flat balance spring
CONDITION:
Case: Good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,500 - 3,000





LOT 153

LONGINES, SWISS, NO. 2086573, CIRCA 1907
Fine, 18K yellow gold, keyless, antimagnetic pocket watch with chronograph and 30-minute instantaneous register

FUNCTIONS: Chronograph, minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 51 mm Ø
CASE: Four-part, *bassine*, polished, gold hinged cuvette
DIAL: White enamel, Arabic hours, outer minutes/seconds track, subsidiary minute register at 12, sunk subsidiary seconds at 6
HANDS: Gold spade, blued steel for the chronograph
MOVEMENT: Cal 19.75, frosted gilt, 21 jewels, straight-line lever escapement, monometallic balance with screws and self-compensating Breguet balance spring
CONDITION:
Case: Very good
Dial: Very good, barely visible small hairline
Hands: Very good
Movement: Very good
ESTIMATE: € 1,000 – 1,200



LOT 154
AN ARTIST
LOIZILLON A ROUEN, CIRCA 1810
Fine, gilt bronze, Empire, 8-day going, hour and half-hour striking table clock

FUNCTIONS: Hour and half hour striking, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 32 cm, width 31 cm
CASE: A lady artist on the left drawing her subject of a sculpture of a classical warrior standing on a column to the right, drawing table with drapes and paw feet, base with drawing tools appliqués, sides with applied rosettes
DIAL: White enamel, Roman hours, outer minutes divisions
HANDS: Gilt decorative
MOVEMENT: Paris type, solid brass plates, going barrels, anchor escapement on silk suspension, count wheel on the back plate
CONDITION:
Case: Very good
Dial: Good, small repairs around winding apertures
Hands: Very good
Movement: Very good
ESTIMATE: € 7,000 - 9,000

LOT 155
EGYPTIAN MOTIF
FRANCE, CIRCA 1800
Very fine, white marble and ormolu, 8-day going, hour and half hour striking, Egyptian motif table clock

FUNCTIONS: Hour and half hour striking, hours, minutes
DIMENSIONS: Height 60 cm, base width 41 cm
CASE: On marble base with front gilt brass plate decorated with playing putti, six gilt bronze bun feet, two columns with Egyptian figures supporting the top housing the clock, sphinx finials in darkened bronze on each side, an eagle in gilt bronze at the top, sunburst pendulum bob
DIAL: White enamel, Roman hours, outer minutes divisions, winding apertures at 4 and 8
HANDS: Gilt with decorated pierced tips
MOVEMENT: Round 11 cm Ø , brass, going barrels, 4-wheel going train, anchor escapement, steel-rod pendulum with gilt bronze sunburst bob, spring suspension, count wheel on the back plate, striking on a bell with a single hammer
CONDITION:
Case: Very good
Dial: Excellent, with a single barely visible short hairline (or a scratch)
Hands: Very good
Movement: Very good
ESTIMATE: € 7,000 – 10,000



LOT 156
THE VASE
NORMANT A PARIS, CIRCA 1800
Fine and very rare, 8-day going, hour and half-hour striking clock in porcelain vase

FUNCTIONS: Hour and half hour striking, hours, minutes
SIGNED: Dial, movement with its maker
DIMENSIONS: Height 27 cm, base 11.5 cm Ø
CASE: Vase on gilt base, center in dark blue enamel with two Pegasus painted in gold, cornucopias on each side, back with a fountain, two intertwined sea dragons and Neptune's harpoon, swan-neck handles, gilt top
DIAL: White enamel, Roman hours, outer minutes divisions with fifteen-minute Arabic markers, winding aperture, regulating square above XII
HANDS: Gilt with pierced tips
MOVEMENT: Paris type, solid brass plates, going barrels, anchor escapement on silk suspension, count wheel on the back plate
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 - 3,500


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LOT 157
THE VASE
C. NOSEDA, MARSEILLE, CIRCA 1800
Fine and very rare, 8-day going, hour and half-hour striking clock in porcelain vase

FUNCTIONS: Hour and half-hour striking, hours, minutes
SIGNED: Dial, movement with its maker
DIMENSIONS: Height 41 cm, base 12.4 cm Ø
CASE: Vase on marble base, gold painted neck with white pattern, violet center painted with grape and grape-leaf wreath, back with a figure playing on a lyre, curved handles, gilt brass top
DIAL: White enamel, Roman hours, outer minutes divisions with fifteen-minute Arabic markers, winding aperture, regulating square above XII
HANDS: Gilt with pierced tips
MOVEMENT: Paris type, solid brass plates, going barrels, anchor escapement on silk suspension, count wheel on the back plate
CONDITION:
Case: Very good, small two hairlines inside
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 4,000 - 6,000



LOT 158

MADAME GENTILHOMME, PALAIS ROYAL, PARIS, CIRCA 1825

Very fine, gilt and patinated brass, 8-day going, hour and half-hour striking, vase-shaped table clock

An identical clock, from the same cast, is in the Museum of Andalucia. It was a part of the collection of Jose Maria Ruiz Mateos before it entered the Museum collection.

MAKER'S BIOGRAPHY: Gentilhomme worked at the Galerie de Pierre, and his widow continued the business after his death.

RELATED BIOGRAPHY: L. Montanes, *Catalogo del Museo de Relojes de las Bodegas* - Zoilo Ruiz-Mateos S/A, La Atalaya, Jerez de la Frontera, 1974.

FUNCTIONS: Hour and half-hour striking, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 45 cm
CASE: On patinated *navette* base with four gilt feet, gilt neck with engine turning decoration, patinated vase with floral ormolu appliqué, sides with two ormolu handles in form of dragons drinking from the opening of the vase
DIAL: White enamel, Roman hours, outer minutes divisions, winding aperture at 4 and 8
HANDS: Blued steel Breguet
MOVEMENT: Circular, brass, going barrels, anchor escapement, short pendulum, silk suspension
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 4,000 - 6,000





LOT 159
THE VASE
AB (ACHILLE BROCOT?), FRANCE, CIRCA 1830
Fine and very rare, 8-day going, hour and half-hour striking clock in crystal vase

FUNCTIONS: Hour and half hour striking, hours, minutes
SIGNED: Movement
DIMENSIONS: Height 37 cm, base 12 x 12 cm
CASE: Vase on square ormolu base, center in crystal cut in cross-hatched pattern, clock in the middle, two ormolu fairy handles
DIAL: White enamel, Roman hours, outer minutes divisions, winding aperture
HANDS: Blued steel Breguet
MOVEMENT: Paris type, solid brass plates, going barrels, anchor escapement on silk suspension, count wheel on the back plate
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good

ESTIMATE: € 3,500 - 5,000



LOT 160

HENRY PADEVAL, A PARIS, CIRCA 1740

VERY FINE AND RARE, GREEN HORN, 8-DAY DURATION, HOUR AND HALF HOUR STRIKING ORMOLU CARTEL BRACKET CLOCK

FUNCTIONS: Hour and half hour striking, hours, minutes
SIGNED: Dial, movement
DIMENSIONS: Height 36 cm
CASE: On painted wood simulating patinated copper bracket with ormolu mountings, matching clock with extended base, waist in the center and bulbous top within ormolu rocaille mountings, matching top with asymmetrical cup
DIAL: White enamel, Roman hours, outer minute divisions with five-minute Arabic markers, winding apertures at 4 and 8, adjusting aperture at 12
HANDS: Gilt Louis XV
MOVEMENT: Circular, brass, anchor escapement, brass-rod pendulum with circular brass bob, 12-hour count wheel on the back plate
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 15,000 - 18,000









LOT 161

STAINLESS STEEL "OYSTER CHRONOGRAPH", REF. 4500

ROLEX, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF 4500, CASE NO. 497635, MADE IN 1946
Very fine and rare, stainless steel, tonneau-shaped, water-resistant gentlemen's chronograph wristwatch with round pushers, register, tachometer and telemeter in blue, and stainless steel Rolex buckle

Ref. 4500 was produced in the mid-1940s in yellow or pink gold, steel and gold, and stainless steel. Ref. 4500 has been called the first "true" Oyster chronograph model, launched during World War II. It was produced in very few examples and was followed by ref. 3668.

Reference: Osvaldo Patrizzi, Rolex, Collecting Modern and Vintage Wristwatches, Guido Mondani Editore, 2006 edition, pp. 115-116.

FUNCTIONS: Chronograph, tachometer, telemeter, 30-minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 12 mm
CASE: Two-piece, polished and brushed, sloped bezel, curved down lugs, screw-down case back and crown
DIAL: Off-white, matte, with gilt dart indexes and Arabic numerals, subsidiary seconds and 30-minute register dials, outer telemeter and tachometer graduations
HANDS: Yellow gold *bâton*
MOVEMENT: Cal 13‴, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Good, nice patina, slightly spotted
Hands: Good, slight scratches
Movement: Very good
ESTIMATE: € 25,000 – 30,000

LOT 162

STAINLESS STEEL "ANTI-MAGNETIC", REF. 4537

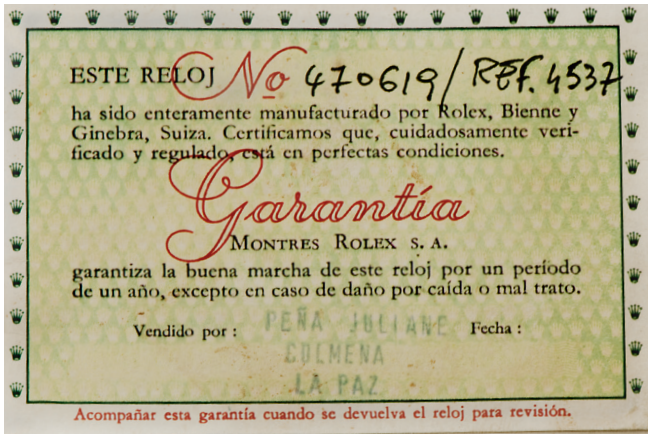
ROLEX, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF. 4537, CASE NO. 470619, MADE IN 1946

Very fine and exceptionally rare, stainless steel, tonneau shaped, water-resistant gentleman's chronograph wristwatch with round pushers, registers, tachometer and telemeter, a Rolex leather strap and Rolex stainless steel buckle. Accompanied by original warranty.

The Ref 4537, one of Rolex's first post-War chronographs, was produced for one year only, in 1946, in a very small number of examples in yellow, pink gold and stainless steel. It is considered one of the rarest production references by Rolex for its Oyster chronographs. Ref 4537 was the predecessor of Ref 6034.
Reference: Osvaldo Patrizzi, *Rolex - Collecting Modern and Vintage Wristwatches*, Vol. I, Guido Mondani Editore, 2006, pp. 118-119.

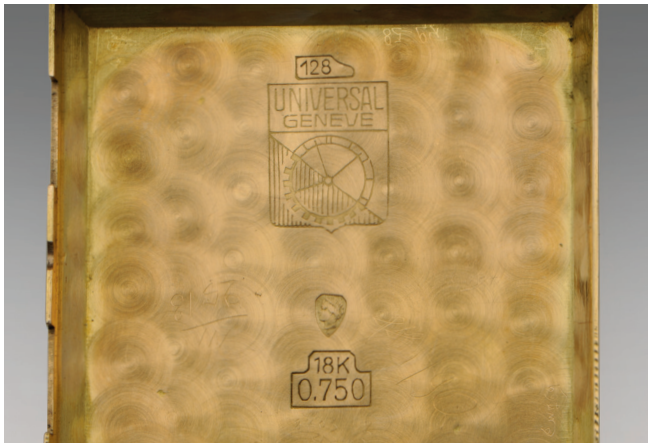
FUNCTIONS: Chronograph, tachometer, telemeter, 12-hour and 30-minute registers, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 14 mm
CASE: Two-piece, polished and brushed, sloped bezel, curved down lugs, screw-down back and crown
DIAL: Silvered, semi-brilliant, with luminous *bâton* indexes and Arabic numerals, outer minutes/seconds divisions, outermost telemeter and tachometer scales in miles, subsidiary dials for the seconds, 12-hour and 30-minute registers
HANDS: Blued steel luminous skeleton
MOVEMENT: Cal 72, 13‴, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, shock-absorber, self-compensating Breguet balance spring, index regulator
ACCESSORIES: Original warranty
CONDITION:
Case: Very good
Dial: Good, nice patina, slightly spotted
Hands: Very good
Movement: Very good
ESTIMATE: € 38,000 – 42,000













LOT 163

UNI-COMPAX

UNIVERSAL GENEVE, REF. 12101, CASE NO. 728208, MADE CIRCA 1940
Very fine and rare, square, 18K yellow gold gentlemen's chronograph wristwatch with rectangular pushers, spiral tachometer, 30-minute register

FUNCTIONS: Chronograph, tachometer, 30-minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 26 mm, thickness 10 mm
CASE: Two-piece, square-shaped, polished, angled lugs, snap-on back
DIAL: Light brown, with printed black Roman numerals and *bâton* indexes, inner minutes/chronograph divisions, innermost spiral tachometer scale, subsidiary sunk dials for seconds and 30-minute register
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. 270, gilt, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance spring, index regulator
CONDITION:
Case: Very good
Dial: Good, aged patina, slightly spotted
Hands: Very good
Movement: Very good
ESTIMATE: € 6,000 – 8,000

LOT 164

TWO-TONE OYSTER CHRONOGRAPH ANTI-MAGNETIC, REF. 4500

ROLEX, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF 4500, CASE NO. 492285, MADE IN 1946

Very fine and rare, 18K yellow gold and stainless steel, tonneau shaped, water-resistant gentlemen's chronograph wristwatch with round pushers, register, tachometer and telemeter in miles, with an integrated 18K yellow gold and stainless steel Rolex bracelet with deployant clasp

Reference 4500 is one of the very few Oyster chronograph models produced by Rolex featuring only a 30-minute register, with no 12-hour register. This gives the watch a smoother, more subtle and less sporty design.
Ref. 4500 was produced in the mid-1940s in yellow or pink gold, steel and gold, and stainless steel. Ref. 4500 has been called the first "true" Oyster chronograph model, launched during World War II. It was produced in very few examples and was followed by ref. 3668.
Reference: Osvaldo Patrizzi, Rolex, Collecting Modern and Vintage Wristwatches, Guido Mondani Editore, 2006 edition, pp. 115-116.

FUNCTIONS: Chronograph, tachometer, telemeter, 30-minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 12 mm
CASE: Two-piece and two-tone, polished and brushed, yellow gold sloped bezel, curved down lugs, screw-down case back and yellow gold crown
BRACELET: Two-tone integrated Rolex bracelet with deployant clasp
DIAL: Silvered, matte, with gilt dart indexes and Arabic numerals, subsidiary seconds and 30-minute register dials, outer tachometer with base 1000 and unusual telemeter graduation in miles
HANDS: Yellow gold *bâton*
MOVEMENT: Cal 13‴, rhodium-plated, Côtes de Genève decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 25,000 – 30,000







LOT 165

14K YELLOW GOLD "PRE-DAYTONA", REF. 6234

ROLEX, GENÈVE, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF. 6234, MADE IN THE 1960s

Very fine and extremely rare,14K yellow gold, tonneau shaped, water-resistant gentleman's wristwatch with round button chronograph, registers, tachometer scale printed in blue and telemeter scale printed in red, and rare 3/6/9 minutes telephone timing indicator

The chronology of the chronograph with minute and hour registers began with Ref 4537, produced only in 1946. It was replaced by the 6034, produced from 1946 to 1960. Ref 6234 replaced the 6034 in 1960, and Ref 6238 later replaced 6234 until around 1964.
Ref 6034, 6234 and 6238 are called "Pre- Daytona" by collectors.
Reference: Osvaldo Patrizzi, "Rolex, Collecting Modern and Vintage Wrist watches", Genova, Guido Mondani Editore, 2005, vol. I, pp. 117-131.

FUNCTIONS: Chronograph, tachometer, telemeter, 30-minute and 12-hour registers, 3/6/9 minutes telephone timing indicator, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 14 mm
CASE: Three-piece, polished and brushed, inclined polished bezel, curved lugs, screw-down back and crown
DIAL: Off-white, matte with applied yellow gold dart indexes and luminous dots, outer tachometer to 300 units per hour and telemeter graduation in miles, subsidiary dials for the seconds, the 12-hour and 30-minute registers, 30-min register with the telephone timing indicator
HANDS: Luminous yellow gold alpha
MOVEMENT: Cal 72 A, rhodium-plated, 17 jewels, straight-line lever escapement, monometallic balance, adjusted to 3 positions, shock absorber, self-compensating Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 42,000 – 46,000













LOT 166

STAINLESS STEEL "PRE-DAYTONA", REF. 6238

ROLEX, CHRONOGRAPH, REF. 6238, MADE IN THE 1960s

Very fine and rare, stainless steel, tonneau shaped, water-resistant gentlemen's chronograph wristwatch with round pushers, registers, tachometer, and a stainless steel Rolex buckle

In 1962 Ref 6234 evolved into Ref 6238 and was featured in the Rolex catalogues until 1968. The main difference between the 6034 and the 6234 is that the first has a two part case and the 6234 has a three part case. This reference is also called "Pre-Daytona" by collectors and was produced in stainless steel and in 14K and 18K gold. It was published for the first time in the Rolex catalogue for the Italian market in 1964 and remained there until 1968. Its production is estimated at 3,600 examples from 1962 to 1967. Ref 6238 was not yet an "Oyster" version and did not have a screw down winding crown or screw-down timing buttons.
Reference: Osvaldo Patrizzi, *Rolex, Collecting Modern and Vintage Wristwatches*, Guido Mondani Editore, 2005, vol. I, pp. 117-131.

FUNCTIONS: Chronograph, tachometer, 12-hour and 30-minute registers, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 14 mm
CASE: Three-piece, polished and brushed, sloped bezel, curved down lugs, screw-down case back and crown
DIAL: Semi-brilliant, silvered, radially brushed with applied steel faceted *bâton* indexes and luminous dots, subsidiary *flinqué* sunk dials for the seconds, 12-hour and 30-minute registers, outer tachometer scale
HANDS: Luminous steel *bâton*
MOVEMENT: Cal 72B, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating free-sprung Breguet balance-spring
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 30,000 – 35,000

LOT 167

PANERAI PROTOTYPE WRISTWATCH

OFFICINE PANERAI, FIRENZE, RADIOMIR PROTOTYPE, NO. 1009500, MADE IN 1940

Fine and extremely rare, large, cushion-shaped, stainless steel and satinized, water-resistant military divers' wristwatch, with natural leather strap and brass buckle



The story of Officine Panerai started in 1860 with its founder Giovanni Panerai (1825-1897). Around 1890-1900 Panerai became the Official Supplier to the Royal Italian Navy. In 1938 Panerai began to produce Radiomir watches for the Italian Navy, with a large (47 mm in diameter) cushion-shaped case, wire loop strap attachments welded to the case, screw-down crown, luminous dial easy to read under water in the dark, and a hand-wound mechanical movement supplied by Rolex.

This watch is not a Rolex reference 3646, even though it looks very much like it, and even though reference 3646 is engraved inside the case back. It was made by Panerai as the first attempt to replace the wire-loop lugs (that are subjected to damage) with harder lugs. As depicted in the picture of the historical archives of Officine Panerai, the stainless steel case was realized as one piece, sand-blasted, then satin finished. Only 2 or 3 pieces were produced.

The watch also features Panerai's patented "sandwich" dial. A sandwich dial is composed of two juxtaposed plates. The top plate is perforated allowing the lower plate's Superluminova coating to show through, providing maximum legibility. This coating was formerly Radiomir - a zinc sulphide, radium bromide and mesothorium composite - from which the watch derives part of its name. The Panerai's luminescent procedure was patented on April 4, 1935, No. 333991.

REFERENCE: Mario Paci, Dino Zei, *Gli Orologi Panerai dal 1936 al 1997*, Patrizzi & Co. Editions, to be published in 2009.
FUNCTIONS: Hours, minutes
SIGNED: Dial signed Panerai, case and movement signed Rolex
DIMENSIONS: Width 47 mm, thickness 15 mm
CASE: Two-piece, *satiné*, faceted bezel, screw-down winding crown, straight lugs, back screw-down on the carrure with a hermetic seal, reference 3646 engraved inside the back
DIAL: Sandwich-type, brass, black satin finished background with four Arabic numbers and eight luminescent *bâton* indexes, "Radiomir Panerai" inscribed on the dial
HANDS: Brass, skeletonised and luminescent *bâton*
MOVEMENT: Rolex cal. 618 on base Cortebert, 16‴, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance wheel with 18.000 vibrations/hour, blued steel Breguet balance spring with oval pivot, index regulator, 40-hour power reserve
CONDITION:
Case: Good, some scratches on surface,crackled crystal
Dial: Very good
Hands: Good
Movement: Very good, slight spots
EXPERT'S OVERALL OPINION: An extremely rare Panerai prototype in very good condition.
ESTIMATE: € 130,000 – 160,000


OYSTER WATCH
GREAT BRITAIN
PATENTS
U.S.A. PATENT 166 232
1009500
3646
ADOMIR
ANTIER

LOT 168

MARINA MILITARE PROTOTYPE

OFFICINE PANERAI, FIRENZE, "MARINA MILITARE, LUMINOR PANERAI", MADE IN 1942

Fine and extremely rare, large, cushion-shaped, stainless steel and *satiné*, water-resistant military divers' wristwatch with transparent back and a natural leather strap with stainless steel buckle

This watch was realized as another attempt to replace the wire-loop lugs (that are subjected to damage) with harder lugs. The case is in one piece, stainless steel, *satiné*, coming from a case ref. 3646, with the lugs soldered on the housings of the case. Only two or three pieces were produced.

REFERENCE: Mario Paci, Dino Zei, *Gli Orologi Panerai dal 1936 al 1997*, Patrizzi & Co. Editions, to be published in 2009.
FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case
DIMENSIONS: Width 47 mm, thickness 20 mm
CASE: Three-piece, *satiné*, sloped bezel, screw-down winding crown, straight lugs, dodecagonal transparent back screw-down on the carrure with a hermetic seal, curved synthetic sapphire crystal, force mounted on the carrure with hermetic seal, leather strap fixed on the lugs by pin and tube
DIAL: Sandwich-type, brass, black satin finished background with four Arabic numbers and eight luminescent *bâton* indexes (luminescence obtained with patented procedure: Patent n°333991 dated April 4, 1935)
HANDS: Brass, skeletonized and luminescent *bâton*
MOVEMENT: Angelus Cal. 240, manually wound, 16‴, 17 jewels, monometallic balance wheel with 18,000 vibrations/hour, Incabloc anti-shock system, 8-days power reserve
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 110,000 - 150,000


12
MARINA
MILITARE
9
3
LUMINOR
PANERAI
6




BREVET


PANERAI
6


OFFICINE PANERAI
BREVETTATO
ANGELUS
SF
240



LOT 169
DIVERS' WRIST COMPASS

OFFICINE PANERAI, FIRENZE, DIVERS' WRIST COMPASS, REF. INC/76, MADE IN 1970's
Very rare and unusual, divers' wrist compass with a nylon and silk strap and stainless steel buckle

REFERENCE: Mario Paci, Dino Zei, Gli Orologi Panerai dal 1936 al 1997, Patrizzi & Co., to be published in 2009.
SIGNED: Reference marks
DIMENSIONS: Base 6.9 cm Ø, length 5.5 cm
CASE/DIAL: The enclosure consists of a plastic cylindrical base, to which a transparent cap (dome), bringing the reference line, is fixed by means of a ring-nut. The cavity is filled with a special liquid, in order to dampen the oscillation. The fixing ring-nut brings a friction ring with two diametrical reference marks. The enclosure contains the moving element (the dial), which is suspended by a steel needle leaning on a sapphire support. The compass rose, the reference line and the diametrical marks are visible in the darkness, thanks to the use of a tritium compound. All the materials used are of very low magnetic permeability. The strap is of constructed from knitted nylon/silk with a stainless steel buckle and clip; the buckle is engraved with GPF – Mod. Dep
CONDITION:
Very good condition, slight scratches on the dome
ESTIMATE: € 2,000 – 3,000

LOT 170
RADIOMIR "EGIZIANO"

OFFICINE PANERAI, FIRENZE, RADIOMIR, SO-CALLED "EGIZIANO", REF. GPF 2/56, MADE IN 1956
Extremely fine and rare, stainless steel, water resistant to 20 ATM, divers' wristwatch with rotating bezel, 8-days power reserve and a natural leather strap with stainless steel buckle

In February 1956, Officine Panerai manufactured a "Radiomir 8-Days" in a limited series of 50 examples for the Egyptian Navy Commandos. There were also some prototypes produced without serial numbers. This particular watch was made for the Egyptian Navy but never delivered. Of the 50 pieces delivered to Egypt, some were still in use by Egyptian military forces until the 1980s.

The watch also features Panerai's patented "sandwich" dial. A sandwich dial is composed of two juxtaposed plates. The top plate is perforated allowing the lower plate's Superluminova coating to show through, providing maximum legibility. This coating was formerly Radiomir - a zinc sulphide, radium bromide and mesothorium composite - from which the watch derives part of its name. The Panerai's luminescent procedure was patented on April 4, 1935, No. 333991.

REFERENCE: Mario Paci, Dino Zei, Gli Orologi Panerai dal 1936 al 1997, Patrizzi & Co., to be published in 2009.
FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 54 mm Ø, width 61 mm (carrure-crown), thickness 13 mm
CASE: Three-part, *satiné*, revolving and graduated bezel with luminescent index at 12 o'clock, numerals 15, 30 and 45 engraved on the three flat reference points, indexes at 5-minute intervals, concave lugs, case back secured to the carrure by 6 screws, with waterproof seal (lead or indium), convex synthetic crystal, mounted with a ring drawn by the 6 closing screws of the back, with a waterproof seal in between, patented device for the water resistance of the winding crown screwed to the carrure, strap secured by threaded pins
DIAL: Sandwich type, brass, black satin finished background, with 4 Arabic numbers and 8 luminescent indexes (luminescence with patented procedure), counter for continuous seconds at 9, two lines inscribed "Radiomir Panerai", round inscription at 3 o'clock "8 GIORNI BREVETTATO"
HANDS: Brass, skeletonized and luminescent
MOVEMENT: 16''' Angelus 240, manually wound, 17 jewels, monometallic balance wheel with 18,000 vibrations/hour, Incabloc anti-shock system, 8 days power reserve
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 100,000 – 140,000


12
RADIOMIR
8 GIORNI
BREVETTATO
PANERAI
9
3
6


15




ANGELUS
WATCH Co
SWISS
FIFTEEN
15 JEWELS
UNADJUSTED


MOD. G.P.F. 2/56
BREVETTATO
MATR.



LOT 171

POSSIBLY ITALIAN, CIRCA 1770
Rare, steel and brass, wheel cutting engine

Steel frame with swinging cutter holder and screw depth adjustment, wooden crank lever handle, steel spring-loaded indexing pin, large brass dividing wheel with 18 rows of divisions allowing for 11 to 76, blank reverse. All on a wooden base with a provision to be hung on a wall.

CONDITION: Very good

ESTIMATE: € 7,000 - 9,000

LOT 172

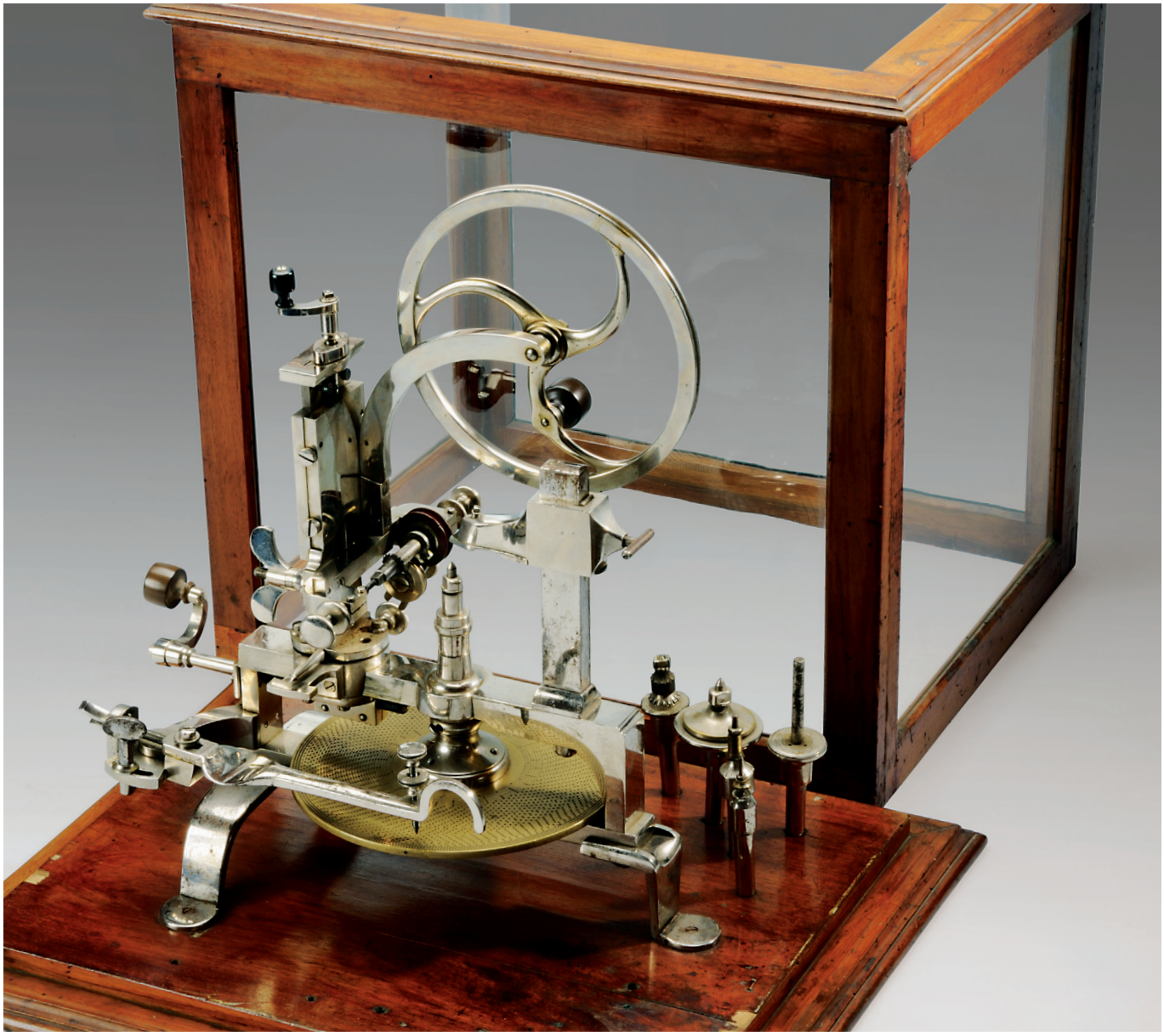
SWISS OR FRENCH, CIRCA 1860
Very fine and rare, brass and nickel-plated steel, wheel cutting engine with angular cutting provision

These engines were indispensible in watch making as well as clock making. After they were invented, the precision of wheels and pinions improved drastically. This one is of unusually high quality with an angular provision for cutting teeth at an angle. Additionally, the engine comes with extra spindles for different size blanks.

FUNCTIONS: Cutting wheels and pinions
DIMENSIONS: Length 45 cm, height 45 cm

Large frame on three feet; horizontal brass dividing plate set with 36 rows of divisions from 11 to 366 for leap year calendar wheels, plain reverse, controlled by spring-loaded hinged locking arm with thumb loop end, lever-operated vertical tool slide pivoted for angular setting, cutter arbor between dead centers, large blank holder with steel support from the top, crank lever and pulleys drive; comes with a set of five blank holders, all on a wooden base within a glass display cabinet

CONDITION: Excellent, some wear to the nickel plating
ESTIMATE: € 6,000 - 8,000



LOT 173
BOOK FORM
GERMANY, CIRCA 1570
An exceptional, small, early book-form pendant watch



German watches, in book form, are probably the earliest type of form watches. They appeared in the middle of the 16th century and lasted well into the 18th century. A book-shaped watch, dated 1550, is in the British Museum. Clocks and books were the favorite accessories of noblemen portrayed in official portraits. Clocks symbolizing the capturing of time, and books, knowledge. No wonder they were produced in a single form: a book-watch. Prince of Pomerania, Bogislaw XIV had such a watch, but of later date. It was in the Bernal Collection, which was dispersed by auction in 1855. Britten shows a book–form watch by Augsburg maker "F.C." which he says dates from the fi rst half of the 16th century. It is very similar to ours but larger.

Our watch is remarkable in terms of its size. It is not a table clock but a watch to be worn on a chain around the neck. The fi rst watches of the 16th century were worn this way, much like the later ladies' pendant watches. They often had large gold chains such as in the attached picture.

FUNCTIONS: Hours
DIMENSIONS: Height 54 mm, width 40 mm, thickness 22 mm
CASE: Gilt brass, hinged front cover engraved with scrolls and berries, inside with engraving of Jupiter, hinged back cover with engraving of Mars, inside Crucifixion, the three-rib spine with engraved two winged heads, one crowned, bottom with Venus after Beham holding a burning heart, small ring pendant, two locking pieces
DIAL: Integral with the case, engraved Roman hours with night touch knobs, inner Arabic 24-hour scale from 13 to 24 with Zs for 2s, center with wind rose alternating with sun rays, corners with cherubs
HAND: Single steel arrow
MOVEMENT: Rectangular, 48 x 30 mm, front with steel plate, back with gilt brass, stackfreed, open spring, steel train, verge escapement, small C-shaped steel cock, two bayonet lockings with holes in the case on top and bottom
CONDITION:
Case: Very good, expected wear to the gilt, one hinge replaced
Dial: Very good
Hands: Very good, later
Movement: Custom, later
ESTIMATE: € 8,000 - 12,000







LOT 174

ROCK CRYSTAL

FRANCE OR GERMANY, CIRCA 1630

Rare, rock crystal mounted in gilt brass, small pendant watch case

During the 17th century, magnificent rock crystal watches of various shapes were created mostly in Germany and France. Although Geneva rock crystal watches are not well known, it appears that Genevan lapidaries were very much renowned for their work in rock crystal. For instance, in 1623, Pierre Lourteau, a master watchmaker living in Lyons, ordered three rock crystal cases for clock watches from Paul Tillier, a lapidary in Geneva. We would not be surprised if the present lot was also the work of Tillier.

DIMENSIONS: Length 51 mm, width 28 mm, thickness 27 mm
CASE: Two-part, hinged, front with faceted rock crystal mounted in engraved gilt brass frame with small prongs, deep back cut from a single piece of rock crystal forming movement housing and mounted in a frame matching that of the bezel, gilt brass tulip-shaped pendant and small finial
CONDITION:
Case: Excellent, expected wear to the gilt
ESTIMATE: € 4,000 - 6,000

LOT 175

FRENCH, CIRCA 1570

An important and rare, gilt brass, hexagonal tower-form table clock with striking hours, alarm, and single hand gilt brass movement

French timepieces from the 16th century are very rare. The French developed their own counterpart to the German tower-form table clock in a form exemplified in this clock. The case is decorated very much in the French style, including a strapwork form, typical for Parisian makers, found on the side panels. It can be found in numerous French clocks from the period.

The clock, although typical in construction to most of the French clocks of the period, differs in the construction of the bell mounting as well as the case construction. The dome, which usually is an integral part of the French clocks, is attached by pins. This is for the bell which is fixed to the movement by a six-arm octopus-like design.

FUNCTIONS: Hour striking, alarm, hours
DIMENSIONS: Height 17.2 cm, base 9 cm x 9 cm (between corners)
CASE: Tower-shaped with hexagonal cross-section, gilt brass, three-part, dome over the bell pierced and engraved with grotesques is pinned to the main body, small turned finial, all side panels engraved with strapwork , friction fit base, six bun feet
DIAL: Brass, Roman hours, attached to a gilt engraved plate
HANDS: Steel spade
MOVEMENT: Two-tier horizontal with solid brass full plates (6.9 x 6.9 cm), steel round column pillars in the lower striking tier and double tapered gilt brass baluster pillars for the going train tier, fusee and gut for going train, going barrel for the striking, verge escapement, two-arm steel balance, S-shaped steel cock; verge-type alarm with contrate wheel on the going barrel, count wheel on the back plate; striking hammer lifted by pins mounted on the second wheel; hour wheel driven from a pinion mounted underneath the fusee wheel via a small contrate wheel fixed to an arbor having a pinion on the other side meshing with the hour wheel, a typical arrangement for this type of early French clock, bayonet fixing
CONDITION:
Case: Good, wear to the gilding, small repairs
Dial: Very good, later
Hands: Later
Movement: Mostly original, reconstructed back to unsprung balance, parts of the alarm mechanism restored
ESTIMATE: € 12,000 - 18,000





LOT 176
ASTRONOMICAL PENDANT WATCH
GENEVE (ATTRIBUTED), CIRCA 1640
Very rare, oval, rock crystal, mounted in gilt brass, astronomical, single-hand pendant watch with phases of the moon, lunar calendar, date, and days of the week

In the early 17th century, the Islamic market was an almost exclusively Geneve domain. There were a few watchmakers living and working in the East. It is recorded, for instance, that a certain Barrachin went to Istanbul where he was paid 10 écus for making a blanc movement and 12 écus for a gilt one. Watches were also assembled in the East from Swiss parts. Watches with phases of the moon were very popular in the East. They were, in a sense, miniature versions of the astronomical clocks collected by the Sultan. Daily life and religious observances in Islamic countries were based on the lunar calendar. It is known that in 1671 Jean-Anthoine Choudens supplied forty movements "*à lune*" to a compatriot and client in Galata. That same year, Abraham Arlaud shipped fifty "*à lune*" movements to Galata.
FUNCTIONS: Phases of the moon, lunar date, days of the week, date
DIMENSIONS: Length 44 mm, width 37 mm, thickness 31 mm (without pendant)
CASE: Three-part, front and back with oval pieces of rock crystal mounted in the hinged frames, band with eight square faceted rock crystal pieces, fixed by decorated gilt brass screwed panels, revolving engraved pendant with loose ring
DIAL: Oval, solid silver, top with small Roman hours, below date, to the left days of the week, to the right phases of the moon aperture and another for moon's age
HANDS: Bronze *bâton* for the hours, blued steel *bâton* for the date, and gilt brass *fleur-de-lis* for the days of the week
MOVEMENT: Oval, 37 x 32 mm, gilt brass full plate, turned baluster pillars, fixed barrel, cylinder escapement
CONDITION:
Case: Good, normal wear, possibly re-gilded Dial: Excellent
Hands: Excellent Movement: Very clean, now with cylinder escapement and balance spring
ESTIMATE: € 6,000 - 8,000

LOT 177
STACKFREED
GERMAN, CIRCA 1580
An important, early, oval, silver and gilt brass, pre-balance spring, single-hand stackfreed watch with iron train, hour striking and alarm

Two types of equalizing devices were employed in early watches to assure a more or less constant power supply to the very sensitive verge escapement. One was the fusee, the other was the stackfreed. Both are mentioned by Leonardo Da Vinci. The stackfreed appears in Leonardo's *Codex I*, as well as *Codex M3* (1497 and '99) and they were brought to his attention by his German assistant, Giulio, around 1493/94. Stackfreeds are present in surviving watches from about 1530-1640. The stackfreed is considered typically German; in any case, at least until the present time, stackfreed watches have been found only in German-influenced territories. It appears that when miniaturization led to a reduction of the space between the plates, especially in case of complicated watches such as this one, the Germans invented the stackfreed in order to save space but still have an equalizing device. When there was ample space, they had no objection to using the fusee.

FUNCTIONS: Hour striking, alarm, hours
SIGNED: With Strasbourg coat of arms punched on the back plate
DIMENSIONS: 90 mm long (from finial to pendant), width 64 mm, thickness 32 mm
CASE: Three-part, the front with twelve openings for the hours, center with floral rosette, outer engraved with stylized foliage, back housing the ball, pierced for sound and engraved matching the front, the band with silver center engraved with scrolls, two small knobs at 3 and 9, small revolving pendant, loose ring, small finial
DIAL: Silver ring, with engraved Roman hours and half-hour markers, inner quarter-hour ring, night touch knobs, attached to a gilt brass plate engraved on the border with scrolls, center with gilt brass revolving alarm ring with Arabic hours with Zs for 2s, center with rosette
HAND: Blued steel ranseur
MOVEMENT: Oval, 58 x 47 mm, gilt brass full plate, four square brass pillars, all iron train except the alarm barrel, contrate and escape wheels, open springs with, C-shaped stackfreed, 5-wheel train (including barrel), verge escapement, blued steel, two arm foliot with circular weights at each end, short cock secured by a screw, blued steel count wheel on the back plate, striking on a bell fixed into the case, verge-type alarm mechanism with unusual alarm hammer planted on the back plate
CONDITION:
Case: Very good, normal wear
Dial: Very good
Hand: Very good
Movement: Very good, would benefit from cleaning
ESTIMATE: € 10,000 - 15,000













LOT 178
ALARM
F. DAGONEAU A GRENOBLE, CIRCA 1695
Very fine, leather-covered, gold ring studs, single-hand oignon alarm watch

François Dagoneau (1670–1742) came from a well-known Grenoble watchmaking family. He married in 1692. A similar watch by François Dagoneau but without alarm is in the Louvre Museum (inv. OA 10074).

FUNCTIONS: Alarm, hours
SIGNED: Signed on the back plate
DIMENSIONS: 58 mm Ø
CASE: Two-part, oignon type, covered with leather and studded with graduated gilt silver studs forming a rosette, matching ring studs for sound, very fine extension ring for the movement pierced and engraved with scrolling, masks and foliage
DIAL: White enamel ring, bold Roman hours, inner quarter-hour ring, winding apertures at 4 and 8, center with gilt brass alarm disk engraved with Arabic hours and steel *fleur-de-lis* pointer indicating hours
HANDS: *Fleur-de-lis* tip on the alarm disk for the hours, blued steel "tulip" alarm setting hand
MOVEMENT: 46 mm, hinged, fire-gilded full plate with Egyptian pillars, fusee and chain, verge escapement with large three-arm steel balance and short balance spring, Louis XIV cock pierced and engraved with inhabited foliage, alarm with fixed engraved barrel and steel train without spokes, striking on a bell by both sides of short anchor-shaped oval hammer
CONDITION:
Case: Very good, all intact, some wear to the gilding and the leather
Dial: Very good, small repair at 2, three small hairlines
Hands: Very good
Movement: All intact, even the blueing of the contrate alarm wheel appears original, hinge with a chip
ESTIMATE: € 8,500 - 11,000

LOT 179

OIGNON ALARM, CIRCA 1700

Fine and rare silver single-hand Louis XIV oignon watch with alarm

A similar watch by Gosselin with an almost identical layout is in the Musée International d'Horlogere in La Chaux-de-Fonds. He was quite a versatile maker, producing both watches and clocks; he is known to have made a monumental Chinoiserie "Boulle Religieuse" clock circa 1700.

It is a very good example of an oignon watch with alarm by an excellent maker

MAKER'S BIOGRAPHY: Jacques Gosselin was a highly skilled watchmaker, known for creating an astronomical oignon watch with moon phases, lunar calendar and date. Located in Paris, he was identified as a Protestant in an era when Roman Catholicism was the only legal religion in France; Protestants were persecuted and massacred. Gosselin persevered in his craft and was succeeded by his son, Jean-Philippe Gosselin (abt. 1690-1766), who was an esteemed maker of musical clocks.
SIGNED: Movement
DIMENSIONS: 51 mm Ø
CASE: Two-body, oignon, pierced for sound, engraved with scrolling, musical and game trophies, file-link extended hinge, loose bow
DIAL: White enamel, Roman numerals with inner quarter-hour divisions, gilt alarm disc in the center with Arabic scale, winding aperture for train and alarm
HAND: Single blued steel ranseur
MOVEMENT: 38 mm, fire-gilded full plate, fusee and chain, train from the center, verge escapement, brass three-arm balance, under-sprung flat blued steel balance spring, modified continental Tompion regulator, fixed engraved alarm barrel with steel train and anchor hammer striking bell fixed inside the case
CONDITION:
Case: Very good, minimal wear
Dial: Very good, two small barely visible hairlines, one of which is below the bezel
Hand: Original Movement: Very good Function: Hours, alarm
ESTIMATE: € 7,000 - 9,000





LOT 180

ITALY, CIRCA 1680

Very rare and fine, gilt brass, steel spring-driven, two-hand, 12-hour striking, tower-form clock with alarm

This is the Italian, and much rarer, counterpart of the famous German Renaissance tower-form clocks.

PROVENANCE: Previously in the Ruscitti Collection.
PUBLISHED IN: The Instituto e Museo di Storia della Scienza, Firenze, 1998, Suoneria Alla Romana.
FUNCTIONS: Hour striking, alarm, hours, minutes
DIMENSIONS: Height 25 cm, base 14.3 x 14.3 cm
CASE: On four steel columns, gilt copper side panels, one with an engraved coat of arms, back panel with three winding apertures, and striking dial for six-hours, molded base, four bun feet, four gilt finials, top with a bell
DIAL: Brass, with *champlevé* Roman hours, outer five-minute Arabic markers, set on a gilt brass plate engraved with scrolling
HANDS: Blued steel ranseur
MOVEMENT: Two-tier mounted between heavy brass narrow plates (3.84 mm), fusee and chain for the going train, wheels with navette cut-outs (3 spokes), four-wheel going train, verge escapement with short pendulum with small spherical bob, 12-hour count wheel set on the back plate
CONDITION:
Case: Very good
Dial: Very good, custom made later
Hands: Very good, custom made later
Movement: Very good
ESTIMATE: € 20,000 - 30,000

LOT 181

REMARKABLE NIGHT CLOCK

JOSEPH CAMPANUS (GIUSEPPE CAMPANI), ROMA, MADE FOR "M.P.", CIRCA 1665

An exceptional, large, ebonized, Baroque night clock with Campani's silent escapement, 24-hour going, wandering hour, and painted on copper dial, Maratta's school

The night clock (*notturno*) was developed by the Campani brothers, fulfilling a wish of Pope Alexander VII, who suffered from insomnia, for a clock that could be read at night but was quiet enough not to disturb his sleep. The Pope was very pleased with the results of their work, and the first such clock made for the Pope was a great success.

The Campani brothers began building similar clocks, which immediately became fashionable in the Italian patrician residences. They were always of contemporary architectural and often altar form. They were constructed by teams of craftsmen consisting of clockmakers, cabinetmakers, sculptors and painters.
The time was read through the placement of a candle behind the pierced dial. The dials were painted with religious subject matter conveying the impression of an altarpiece. The Campani brothers often used the two most esteemed Rome painters of the time, Carlo Maratta (1625-1713), well known for his religious altarpieces in the manner of Raphael, and Filippo Lauri, a member of the Accademia di San Luca in Rome, and later its director. It is most likely that the dial of this clock was a work by one of them.

These clocks were the most magnificent clocks of the period, innovative and unique to Italy. They became important and magnificent enough to be presented to kings. For instance, Cardinal Antonio Barberini, around 1665, the time when our clock was born, gave such a piece to King Louis XIV (*Il Tempio del Gusto. Roma e il regno delle due Sicilie, Vol. I,* Milan, 1984, plate XI, by Alvar Gonzalez-Palacios).

During the process of developing the night clock, the brothers invented a new escapement, at the time the only alternative to the verge escapement (the Hooke/Huygens duplex/verge escapement was known only to a very few). They were one of the first to introduce wandering hour time display, now sometimes called chronoscope, where a wandering hour travels under the minute divisions with the path corresponding exactly to one hour, thus allowing a precision minute reading.

In dating this clock we are fortunate to know of another, architecturally identical, formerly in the Time Museum, which has the barrel signed "Petrus Thomas Campanus Inventor Romae in Via Julia, AD Ponte Sixtu, 1664". Based on this and the striking similarities between the two clocks, it is easy to assign a date to this one.

MAKER'S BIOGRAPHY: There were three Campani brothers, Matteo, Pietro and Giuseppe. They are the most important and the most famous of all Italian clock makers. The three brothers, who were born and grew up as part of a large agricultural family living in a flyspeck of a rural community high in the Umbrian hills, descended upon Rome and achieved considerable fame in their own time, each applying his individual inventive skills to become a towering master of his own specialty. Matteo, the oldest, was a maker of clocks and scientific instruments, sometimes using the pseudonym Antimo Tempera. Pietro Tomasso, the second brother, studied clockmaking in Terni and was employed at the Vatican Palace. Like his brother Giuseppe, he was a maker of night clocks, many of which have survived to the present day, including one in the British Museum and another in the Kunsthistorisches Museum of Vienna. Like the clock formerly in the Time Museum, the clock in the British Museum collection is signed "Petrus Thomas Campanus Inventor" – Pietro laid claim to the invention of the night clock through his signature.
Giuseppe Campani (1635-1715), the maker of this clock, was particularly famous during his lifetime for making telescopes. His telescopes raised the craft to a new level of perfection. A pioneer in the production of optical instruments, he surpassed all others throughout Europe until the beginning of the eighteenth century. It was by means of his astronomical lenses and telescopes that the most of the greatest astronomical discoveries of the period were made. With a Campani telescope, Cassini made a series of spectacular discoveries of surface markings and rotations of both Mars and Jupiter and of the transits of Jupiter's satellites across the planet's disk.
Giuseppe was primarily a mechanic, a clockmaker and artisan who also produced astronomical lenses and telescopes and microscopes. As a clockmaker, Campani was not only one of the inventors of the night clock that became so popular during the second half of the seventeenth century, but he also invented the crank-lever escapement, making possible the production of clocks with mechanical movements that were remarkably silent, and he produced other ingenious and innovative timepieces, among them the first projection night clock and ingenious rolling ball clocks. He also invented a clock for use on shipboard for determining longitude at sea. His production of clocks surpassed the number as well as the diversity and ingenuity of those of all other makers of his time.




Joseph Campanus inuentor
Romæ



The Chimney

Among Giuseppe's most frequent clients were the Medici princes of Tuscany, including Grand Duke Ferdinand II, his brothers the Princes Mattias and Leopold de' Medici, and his uncle Cardinal Giovan Carlo de' Medici. For them, Campani produced a substantial number of clocks, microscopes, telescopes and lenses over a period of some forty-five years. Many of these records are filed in the fondo Principato Mediceo in the State Archives of Florence and others are to be found in the miscellaneous correspondence of Prince Leopold preserved among the post-Galilean files of the Codice Galileana in the Biblioteca Nationale Centrale in Florence.

It is virtually impossible to provide an account of any one of the Campani brothers without including the other two, because their lives and work were so closely intertwined during their lifetimes and because one or the other appeared intermittently on the scene. Furthermore, in the few brief summaries that have been published of their achievements during and since their lifetimes, historians have repeatedly confused one with the other, and only additional research resolved the resulting confusion. Most frequently, Matteo Campani has been credited with the achievements of Giuseppe, chiefly because accounts in the French language referred to "M. Campani" for "Monsieur Campani," and subsequent writers have taken the "M." to mean "Matteo".

A short synopsis of known Campani brothers clocks:

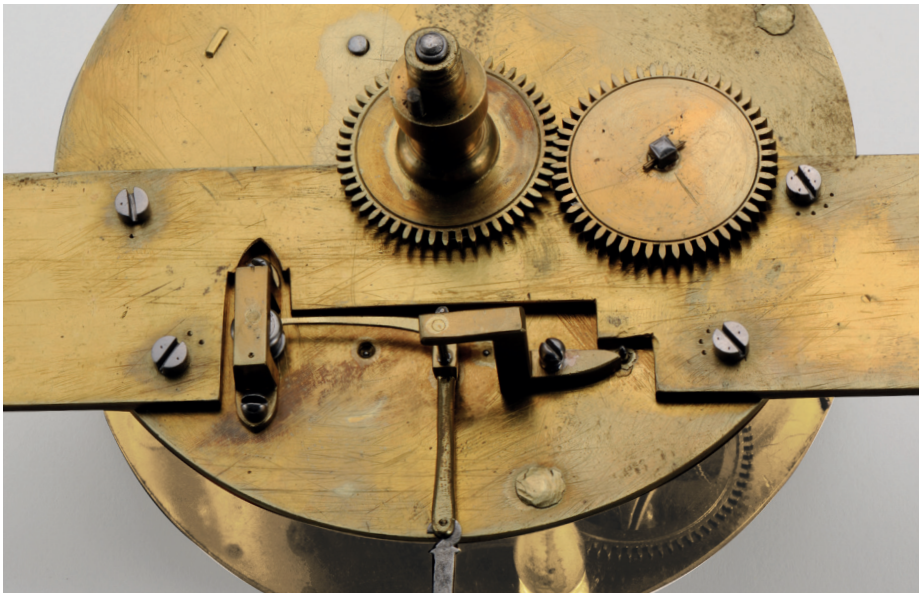
- By Pietro, a night-clock, dated 1683 with scrolled corbels on the sides with similarly pierced foliate cast mounts. Now in the British Museum.
- By Pietro, a night clock, dated 1663. Now in the Kunsthistorisches Museum of Vienna.
- By Giuseppe, a night clock in ebony. Illutrated in Alvar Gonzalez-Palacios, *Il Tempio del Gusto, Roma e il regno delle due Sicilie*
- By Pietro, a night clock in ebony. Illustrated in Alvar Gonzalez-Palacios, *Il Tempio del Gusto, Roma e il regno delle due Sicilie*, p. 66.
- By Pietro, a night clock, architecturally same as this one. Formerly in the Time Museum.
- By Pietro. Now in the Palazzo Senatori of Rome.
- By Joseph (Giuseppe), a night clock.

Seven night clocks mostly by Giuseppe in private Italian Collections

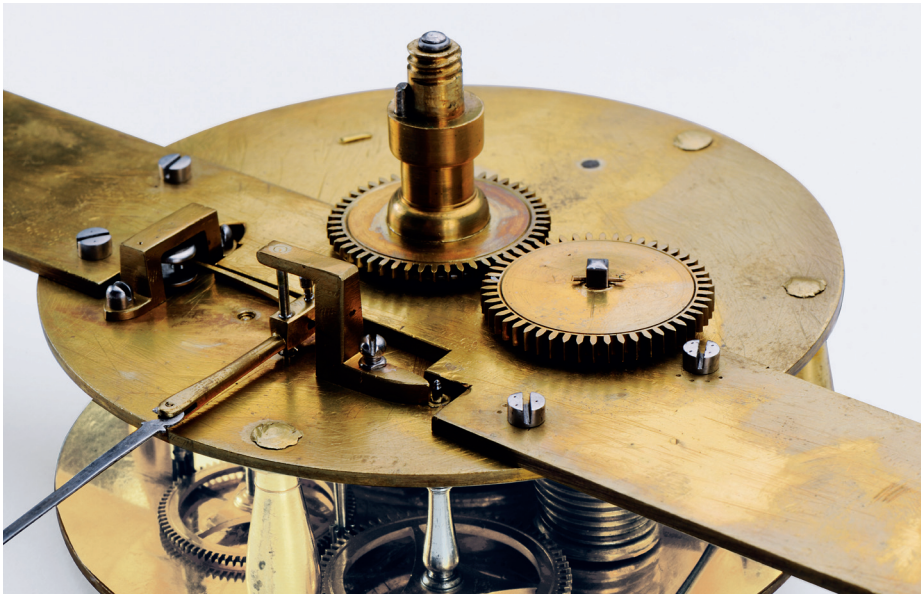
PROVENANCE: 1. From a Genova noble family of title
2. From one of the most important private collections

LITERATURE:
Silvio Bedini, *Uncommon Genius. The Campani Brothers of Rome* (manuscript)
Alvar Gonzalez-Palacios, *Fasto Romano, dipinti, sculture, arredi dai Palazzi di Roma*, 1991
Alvar Gonzalez-Palacios, *Arredi e Ornamenti alla corte di Roma, 1560-1795*, Milan, 2004
Alvar Gonzalez-Palacios, *Il Tempio del Gusto, Roma e il regno delle due Sicilie*, Milan, 1986
Giuseppe Brusa, "Italian Night Clock," *Antiquarian Horology*, March 1975

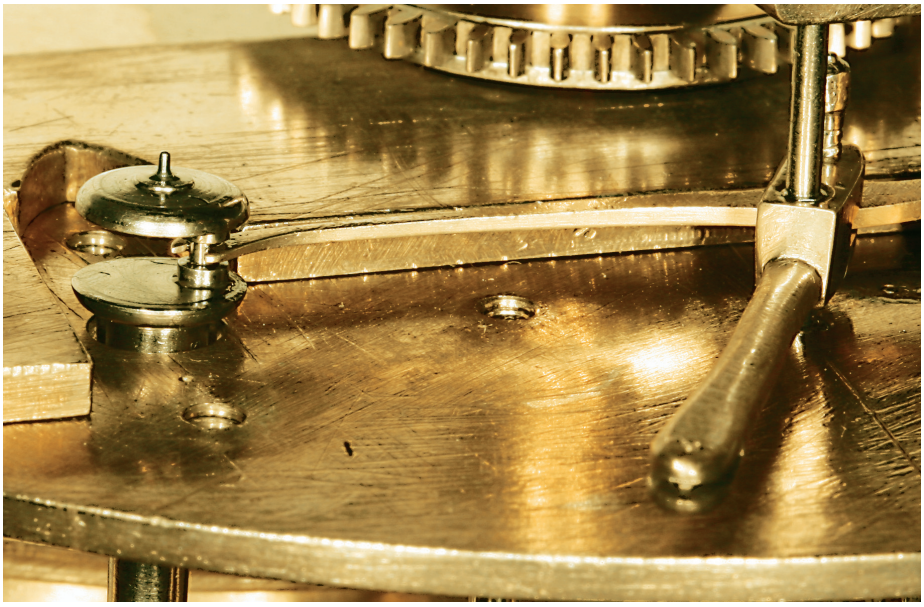
EXHIBITED: *L'antico splendore dell' orologeria italiana dal XV al XVIII secolo*, Trent (Northern Italy), June 25 – November 6, 2005, Cat. No. 94
PUBLISHED IN: *La misura del tempo*, Italy, 2005, p. 475
FUNCTIONS: Digital wandering hours, half quarters
SIGNED: On the back plate of the movement
DIMENSIONS: Height 99 cm, base width 68 cm
CASE: Based on architectural altar design, broken-scroll pediment centered with an arched panel cresting with gold initials "M.P.", the central section with spiral columns and outset corbels, breakfront plinth inset with a glazed pendulum aperture with ormolu frame, the interior with painted candle holder and a chimney
DIAL: Rectangular, 33.5 x 27.5 cm, oil on copper painting depicting the Assumption of the Virgin with St. Dominic and St. Philip on either side, an aperture for the 12 Arabic wandering hours, within the light from the sky disk, the hours travel from left to right under pierced Roman quarter and half-quarter marks
MOVEMENT: Circular, 119.97 mm Ø, gilt brass, turned baluster pillars, fusee and gut, large gilt brass barrel with dove-tail cover, five-wheel train with Campani's crank-wheel silent escapement, steel-rod with graduation, 25 cm pendulum with eight-arm star brass bob, motion work driven from the extension of the fusee's arbor driving the hour wheel which has a friction tube for time setting
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 120,000 - 160,000



Movement on the dial side with the front view of the escapement



Side view of the escapement including part of the pendulum rod



The action of the escapement with removed escape wheel bridge

LOT 182
BREVIARIO
FRANCO VILLACROCE, ROMA, DATED 1755
An extremely and equally rare 24-hours going, leather bound, gilt brass, book-form Roman travelling clock with quarter repeating and alarm



This is a very rare example of an early Roman travelling form clock. With its hinged loop at the back it can be a coach watch, a wall clock or a table clock.

Although book-form clocks and watches had already appeared in the middle of the 16th century, travelling ones were very rare. The book, at the time, symbolized knowledge as well as faith. The nobles in their official portraits liked to pose with a book at their side or, alternatively, with a clock which symbolized the conquering of time. Putting both together in a single object was a natural development. As an example, Bogislaw XIV, Prince of Pomerania, Prince of Rugen and Cammin, Lord of the Land of Butow, had one in about 1627. Osvaldo Patrizzi found it in 1989.

The clock is very well executed with an adjustable escapement potence and, interestingly, with striking on a bell but with a single hammer, the same as, in later years, we are accustomed to seeing in the Breguet repeating watches.

EXHIBITED: L'antico splendore dell' orologeria italiana dal XV al XVIII secolo, Trent (Northern Italy), June 25 – November 6, 2005, Cat. No. 121
PUBLISHED IN: Klaus Maurice, Die Deutsche Räderuhr, Munich, 1976, Vol. II, p. 52 and fig. 333
La misura del tempo, Italy, 2005, p. 406
FUNCTIONS: Quarter repeating, alarm, hours, minutes
SIGNED: On the dial plate
DIMENSIONS: Height 11.6 cm, width 8.9 cm, thickness 4.8 cm
CASE: Three-part, leather-bound, covers and spine with fine gold tooling and four ribs, gilt brass "page" edges, top pierced for sound, bottom with repeat cord, two double clasps
DIAL: Silver ring with *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, center with revolving alarm disk with Arabic hours, on gilt brass plate engraved with floral motifs, a steel bolt at 9:30 for silence/repeat
HANDS: Blued steel ranseur
MOVEMENT: Rectangular, 108.6 x 77.6 mm, brass full plate, turned conical baluster pillars, fusee and chain on the going train, verge escapement with adjustable potence, three-arm steel balance, short, 1.25-coil blued steel balance spring, two-arm continental cock with five-arm star in the center, above gilt brass finely pierced and engraved bell cover plate, pull repeat striking on a bell hours and quarters with a single hammer
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 33,000 - 40,000




Franco Pillucroce
Roma 1753

LOT 183

EARLY ALARM BRACKET CLOCK

MARTINO CITELLA, ROME, CIRCA 1740

Very fine and very rare, ebonized 24-hours going, single-hand, early alarm bracket clock with a square dial

FUNCTIONS: Alarm, hours
DIMENSIONS: Height 38 cm (with the handle)
CASE: Small molded base on four ormolu pawn feet, matching top with gilt brass pierced and engraved floral appliqués, glazed sides, hinged front and back doors with locks, the front one with gilt brass decorative appliqués
DIAL: Silvered, *champlevé* Roman hours, inner quarter track, center with silvered alarm dial with Arabic hours on gilt brass matte ground, corners with gilt brass floral appliqués
HAND: Blued steel ornate
MOVEMENT: Rectangular, 10 x 9 cm, four pillars, going barrels, verge escapement, pendulum with tear-drop bob
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 – 15,000


Marmo
Citelle Rue


Cousinon
A Paris



LOT 184

COUSINOT A MALTA, MADE FOR A DUKE "C.T.", CIRCA 1760

Exceptionally rare and fine, ebonized, tortoiseshell and horn, 24-hours going quarter-repeating on six-hour base, Maltese bracket clock with alarm

Clocks from Malta are extremely rare. Malta had only a few clockmakers. The clock employs a very clever repeating mechanism typical for Italy. The quarter lifter arbor, that is the arbor that lifts the quarter hammer, is spring-loaded and moves vertically according to the position of a vertical cam. The lifting pins are of different lengths and thus some miss the lifter in the low quarters and engage in the high quarters. The system is simple, clever and very functional.

FUNCTIONS: Quarter repeating, alarm, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 51 cm, base: front 28 cm, back 32 cm
CASE: Trapezoidal cross-section, molded base on four bun feet, glazed side panels, hinged and glazed front door, four finials on pedestals, center top with cartouche with bone inlay monogram, flanked by two stylized foliate bone inlay motifs, the top with matching finial, back with hinged door revealing the movement
DIAL: Silvered ring with Roman hours, *fleur-de-lis* half hours, inner quarter hours, outer minutes divisions with five-minute Arabic markers, winding aperture at 8, alarm aperture at 10, center with revolving gilt brass alarm disk with Arabic hours, pierced spandrels in each corner, all on red velvet
HANDS: Gilt pierced ornate
MOVEMENT: Rectangular, 9 x 10 cm, brass, going barrels, verge escapement with steel-rod pendulum and brass ball bob, repeating with different-length lifting pin system (see note), striking on two bells set outside the case
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 10,000 – 15,000

LOT 185

PIETRO HOCHÖGGER, TRENTO, MADE FOR A DUKE, CIRCA 1750

Very fine and very rare, trapezoidal, fruitwood and *repoussé*, 24-hours going, hour and quarter-striking bracket clock with quarter repeating and gilt *repoussé* dial

MAKER'S BIOGRAPHY: Pietro Hochögger, a German, settled in Trento and received its citizenship in 1761; however, he also lived in Bressanone, as a signature on one of his clocks indicates. He constructed very well made clocks, architecturally Italian, but mechanically with clear German influence.

FUNCTIONS: Hour and half-hour striking, quarter repeating, hours, minutes
SIGNED: Movement
DIMENSIONS: Height 60 cm, base: front 37 cm, back 42 cm
CASE: Trapezoidal in cross-section, on four gilt brass bun feet, edges with unusual curved wood columns, glazed sides with pierced frets for sound, brass finials, inverted bell top with *repoussé* gilt metal finial, base with a drawer, each side with a repeater cord, glazed and hinged front door, back one with fabric for sound
DIAL: Silvered ring, Roman hours with outer arch minutes divisions and five-minute Arabic markers, mounted on a gilt matte plate, outside with fine *repoussé* with scrolls plate, top with small silvered dial for striking/silence to the right and repeating/silence to the left, center with a coat of arms crest under a coronet indicating ducal provenance
HANDS: Steel Louis XV
MOVEMENT: Rectangular, 15 x 13 cm, brass, back plate engraved on the edges with central signature, fusee and chain on the going train, fixed barrels for the striking, verge escapement with brass-rod pendulum and a button bob, striking on two bells with a rack system
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 - 15,000





LOT 186

BARTOLOMEO BERTOLLA, CIRCA 1750
Highly important, fruitwood, 24-hours going, quarter-striking bracket clock with quarter repeating, manual perpetual calendar, date, months, striking/silence and repeating control device

The importance of the clock cannot be overestimated, especially from the point of view of Italian horology. First, the clock employs a very clever repeating mechanism. The quarter lifter arbor, that is the arbor that lifts the quarter hammer, is spring-loaded and moves vertically according to the position of a vertical cam. The lifting pins are of different lengths and thus some miss the lifter in the low quarters and engage in the high quarters. The system is simple, clever and very functional.

The striking is also quite unusual for the fact that both the hour striking as well as the quarters are powered from the same source.

The clock shows Italian technical ingenuity whose roots go back to the 13th century when the first striking clock was built in Milan.

MAKER'S BIOGRAPHY: Antonio Bartolomeo BERTOLLA, sometimes SERIOLA, (1702 – 1789) was from Mocenigo di Rumo in the Non Valley. He was one of the best clockmakers of his day in Trentino. During his long life he built many precious pendulum and tower clocks, and he built two complex astronomical clocks, designed by the priest Francesco Borghesi, between 1763 and 1764 in Trento. One of the astronomical clocks is at the Smithsonian Institute in the United States. His workshop, fitted with all of his tools, has been transported to the Museo Scienza e della Tecnica (Museum of Science and Technology) in Milan.

FUNCTIONS: Hour and quarter striking, repeating, date, months, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 43 cm (with handle)
CASE: Molded base on gilt brass spherical feet, the top with four finials, brass handle, glazed sides, front and back hinged, glazed doors
DIAL: Pewter ring, *champlevé* Roman hours, outer arched minutes track with five-minute Arabic markers, above months dial with number of days of each month, to the right repeating/silence dial, and to the left striking/silence
HANDS: Blued steel decorative hour, poker minute
MOVEMENT: Rectangular, 13 x 11 cm, brass, four turned pillars, fixed barrels, verge escapement, pendulum with spherical bob, two bells, pull repeat, quarter and hours striking from the same barrel
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good, would benefit from cleaning
ESTIMATE: € 20,000 - 25,000





LOT 187
SPECIAL DIAL

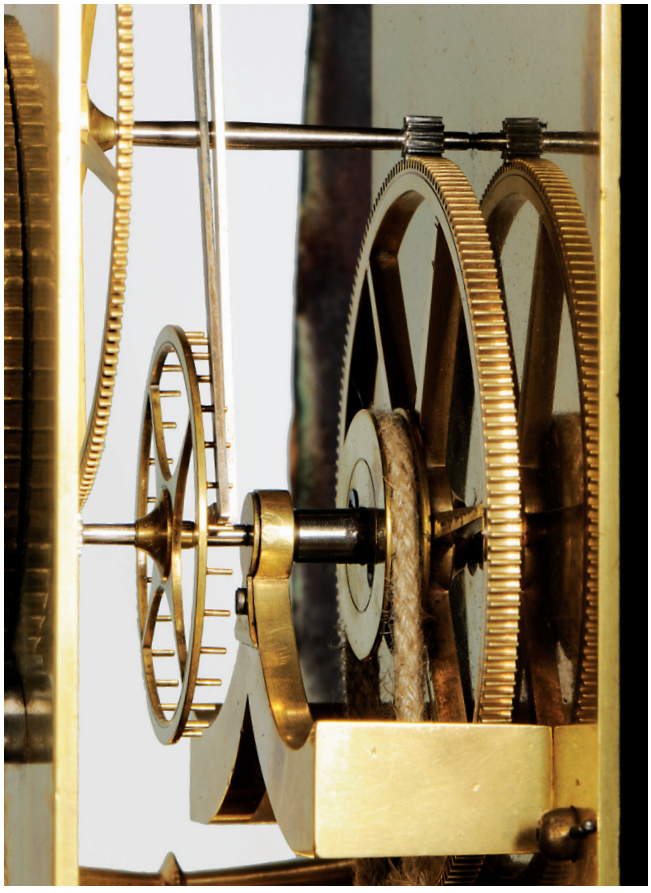
GIOVANNI BATTISTA RODELLA, PADOUA, CIRCA 1820
Extremely rare and important, possibly unique, 8-day going weight-driven, center-seconds, Biedermeir wall regulator with pin-wheel escapement, endless rope arrangement, and six-hour dial with single hand and special scale



The remarkable feature of this clock is its dial, designed on the principle invented by Houriet, and developed by Breguet. In the six-hour scale, the space between the hours is larger and can be divided into 360 minutes with clear visibility. This is the principle behind this dial.

MAKER'S BIOGRAPHY: Giovanni Battista Rodella was born in Venice in 1749 and died in Padua on 19th February 1834. He was a skillful and clever self-taught mechanic who gave fame to the Specola from Padua as far as the precision instruments are concerned. After having worked as clockmaker in Castelfranco and having built surgical instruments, hydraulic machines and clocks, in 1780 he was employed as mechanical keeper of the Specola from Padua.

In a rare booklet Rodella described a journey to England he made in 1794 on behalf of Alvise Pisani, who wanted to bring to the Polesine the new invention of Watt. On the trip, he was able to acquaint himself with the English observatories and understand their managing activities. When he returned to Padua he built precision and room clocks, pocket watches with striking mechanisms, microscopes, telescopes, achromatic monocular, levels, dioptres, Pretorian tables, precision pendulum clocks.



In order to show his skills, we report the description of two of his clocks. The first is from Zaccaria: "A remarkable table clock with latitude equation showing both the true and the average time. From sunrise to sunset hours and minutes are marked with the true time register playing a concert exactly at sunrise and sunset without anyone help as it is moved by an artificial and elliptical register with daily and annual rotation. Furthermore it sounds hours and quarters *à toc* and so on".

The second description is by Rodella himself and comes from a letter addressed to Abbot Alberto Pieropan published in the "*Nuovo Giornale Enciclopedico*" (*New Encyclopaedic Journal*) -Vicenza, October 1784- from which we propose an abstract: Clock placed in a tower of the Bresseo Villa owned by Leonardo Cavalli. It has three wheel movements: the one tolling noon, midnight, sunrise and sunset is on one side, the one moving the pendulum is in the middle and the one showing the true Italian hours is on the other side. Three regulating weights are moving them allowing the clock to work for one month. The wind winds the clock automatically. Twenty-six weathercock turns wind an hour, even if the weights are weighing 240 pounds. A device avoiding overwind has been installed, too. The dial has three indexes. An ellipses allows the clock to mark sunrise and sunset. The pendulum rod has been made of wood that is insensitive to temperature changes. The exact setting of the clock is possible thanks to two micrometers: one on the pendulum and one on the ellipses.

A pendulum clock he invented and built was donated to the Padua Academy in 1793 and earned him the title of "Academy Mechanic". He built the clock on the Tower of Piazza delle Erbe

in Verona as well as a regulator for the astronomer Cagnoli. His talent in inventions allowed him to build instruments to measure both the temperature and the depth of the sea, a prosthesis for lame persons, a loom for silk stockings, a wooden billiard table and finally, more or less during the French invasions, "a machinery to make 10,000 buttons in 12 hours with only three people". Two of his tools have been shown at the Astronomic Museum of Chicago. When he died, his favourite student took his place as director of the Specola workshop of Padua.

FUNCTIONS: Hours, minutes, center seconds
SIGNED: Dial
DIMENSIONS: Length 160 cm
CASE: Semi-circular base with a door for the pendulum's bob, glazed on three sides, rectangular top with ormolu bezel, glazed sides and triangular pediment
DIAL: White enamel, convex on the sides and in the middle, with six-hour divisions marked twice, from I to VI and from VII to XII, outer minutes track of 360 divisions, marked in each hour with fifteen-minute Arabic markers, outermost seconds dot divisions with five-second Arabic markers
HANDS: Steel Breguet with pierced tip
MOVEMENT: Rectangular 142 x 110 mm, brass, concave column pillars, 3-wheel train with dense teeth, the first and the last set up concentrically, pin-wheel escapement, wood pendulum rod, large brass bob, Huygens' endless-rope winding system with the ratchet wheel set on the back plate, covered on all sides, top and base with brass, sides with glass
CONDITION:
Case: Very good
Dial: Very good, small hairlines and chips at the bottom
Hands: Very good
Movement: Very good
ESTIMATE: € 32,000 - 40,000







LOT 188

EXPLORER II, REF. 16550

ROLEX, OYSTER PERPETUAL DATE, EXPLORER II, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 16550, CASE NO. R558792, MADE IN 1987
Fine, stainless steel, self-winding, center-seconds, water-resistant, gentlemen's wristwatch with dual time zones, date, and stainless steel Rolex Oyster bracelet with deployant clasp
FUNCTIONS: Self-winding, dual time zones, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 39 mm Ø, thickness 13 mm
CASE: Two-part, polished and brushed, stainless steel sloped bezel graduated to 24 hours, protective crown guard shoulders, curved lugs, screw-down back
BRACELET: Stainless steel Rolex Oyster bracelet with deployant clasp
DIAL: Black, brilliant, applied stainless steel and luminescent *bâton*, dot, and triangular indexes, outer minutes/seconds track, aperture for the date at 3
HANDS: Stainless steel and luminous Mercedes, red with stainless steel and luminous arrow two time zone
MOVEMENT: Cal. 3085, rhodium-plated, 27 jewels, straight-line lever escapement, monometallic balance, adjusted to temperature and five positions, shock absorber, self-compensating free sprung Breguet balance spring, hack mechanism
CONDITION:
Case: Very good, slight scratches on the back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 12,000 – 16,000

LOT 189

STAINLESS STEEL "PRE-DAYTONA", REF. 6034

ROLEX, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF. 6034, CASE NO. 847226, MADE IN 1951
Very fine and rare, tonneau-shaped, water-resistant, stainless steel gentlemen's wristwatch with round button chronograph, registers, tachometer, telemeter, and rare 3/6/9 minutes telephone timing indicator

Ref 6034 was made from 1946 until the early 1960s and replaced Ref 4537. Ref 6034, 6234 and 6238 have been nicknamed "Pre-Daytona" by collectors.
Reference: Osvaldo Patrizzi, "Collecting Modern and Vintage Wristwatches", Guido Mondani Editore, 2005, vol. I, pp. 120-124.

FUNCTIONS: Chronograph, tachometer, telemeter, 30-minute and 12-hour registers, 3/6/9 minutes telephone timing indicator, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 14 mm
CASE: Two-piece, polished and brushed, sloped bezel, curved down lugs, screw-down case back and crown
DIAL: Off-white, matte, with applied yellow gold dart indexes and luminous dot markers, outer minute track with 1/5th seconds divisions, subsidiary dials for the seconds, the 12-hour and 30-minute registers, outer tachometer and telemeter scales in miles
HANDS: Luminous yellow gold *feuilles*
MOVEMENT: Cal 72A, rhodium-plated, Côtes de Genève decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating blued Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Very good, nice patina
Hands: Very good, slightly scratched
Movement: Very good
ESTIMATE: € 28,000 – 32,000


BASE
1 MILE
ROLEX
OYSTER CHRONOGRAPH
ANTIMAGNETIC

LOT 190

YELLOW GOLD GMT-MASTER REF. 1675

ROLEX, OYSTER PERPETUAL, GMT-MASTER SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF 1675, CASE NO. 3130015, MADE IN 1972

Very fine and rare, 18K yellow gold, self-winding, dual time zone, center-seconds, water-resistant gentlemen's wristwatch with date, 24-hour bezel and a 18K yellow gold Rolex Oyster riveted bracelet. Accompanied by original fitted box, leather pouch and technical specifications.

Ref 1675 replaced ref. 6542 in 1959 and remained in production until 1980. It was replaced by ref. 16750, which was in production from 1979 to 1988.
Rolex used organic pigment (color) in the production of their dials and bezels, which created magnificent colored dials and bezels over time.
The GMT-Master was developed for the rapidly growing world of international air travel shortly after World War II. It quickly became a vital accessory for the world's jetsetters and was enthusiastically endorsed by Pan Am's pilots and, later, test pilots. In 1983, Rolex was able to boast that the GMT-Master was a favorite of renowned tenor Placido Domingo, who relied on his watch to keep track of different time zones as he traveled the globe.
Reference: Osvaldo Patrizzi, Rolex, Collecting Modern and Vintage Wristwatches, Vol. I, Guido Mondani Editore, 2005, pp. 376-379.

FUNCTIONS: Self-winding, two time zone, date, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 39 mm Ø, thickness 13 mm
CASE: Three-part, polished and brushed, light brown bi-directional revolving bezel for the 24-hour time zone, screw-down case back and crown, winding crown protected by the pointed crown guard, curved lugs, crystal with Cyclops lens
BRACELET: 18K yellow gold Rolex Oyster riveted bracelet
DIAL: Chocolate with yellow gold luminous round, bâton and triangular indexes, outer minute track, aperture for the date at 3
HANDS: Luminous yellow gold Mercedes and arrow
MOVEMENT: Cal 1570, rhodium-plated, 26 jewels, straight-line lever escapement, monometallic balance adjusted to 5 positions and temperature, shock absorber, self-compensating free-sprung Breguet balance spring
ACCESSORIES: Original fitted box, leather pouch and technical specifications
CONDITION:
Case: Very good, scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 20,000 – 26,000





LOT 191

SEA-DWELLER, REF. 1665, CHOCOLATE BEZEL

ROLEX, OYSTER PERPETUAL DATE, SEA-DWELLER, SUBMARINER 500 M – 1650 FT, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 1665, CASE NO. 1695417, CIRCA 1967-1968

Very fine and extremely rare, stainless steel, self-winding, center-seconds, water-resistant divers' wristwatch with date and a nylon military-type strap

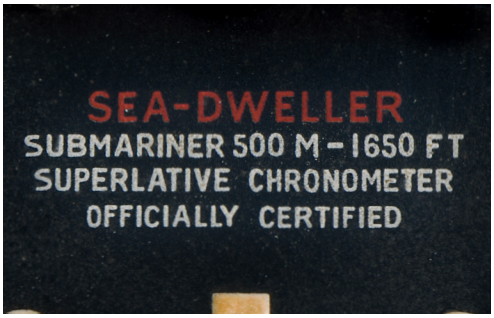
Ref 1665 was the first Sea-Dweller model, produced for more than a decade beginning in 1967, and was developed in partnership with COMEX, the French deep-sea diving company. It featured the patented Helium Escape Valve, designed to prevent the crystal from exploding during decompression.

This watch does not have a helium escape valve, which means that it is a very early example.

Reference: Osvaldo Patrizzi, *Rolex, Collecting Modern and Vintage Wristwatches*, Genova, Guido Mondani Editore, 2006, vol. I, pp. 371-373.

FUNCTIONS: Self-winding,date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 17,5 mm
CASE: Three-part, polished and brushed, graduated bi-directional revolving chocolate bezel for the decompression times, screw-down back and crown, Triplock winding crown protected by the crown guard
DIAL: Black, matte, with luminous round, triangular and *bâton* indexes, outer minutes/seconds track, aperture for the date at 3, four lines letterings, "Sea-Dweller" in red
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Cal 1570, rhodium-plated, *oeil-de-perdrix* decoration, 26 jewels, straight-line lever escapement, monometallic balance adjusted to temperature and five positions, shock absorber, self-compensating free sprung Breguet balance-spring, hack mechanism
CONDITION:
Case: Very good, micro scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: €
90,000 – 120,000









LOT 192

PINK GOLD "OVETTO"

ROLEX, OYSTER PERPETUAL, OFFICIALLY CERTIFIED CHRONOMETER, REF. 5011, CASE NO. 648649, MADE IN 1949
Fine and rare, 18K pink gold, self-winding, water resistant, center-seconds gentlemen's wristwatch with a Rolex leather strap and 18K gold Rolex buckle. Accompanied by fitted box.

This model is called "Bubble-Back" by English speaking collectors, whereas the Italian collectors call it "Ovetto". Ref. 5011 and 6011 are identical, except that the 6011 has a "Super-Oyster" crown and the 5011 a traditional Oyster crown.

FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 31 mm, length 30.5 mm, thickness 13 mm
CASE: Two-part, cushion-shaped, polished and brushed, with graduated bezel, curved down lugs, screw-down case back and crown
DIAL: Silvered, brushed, with applied pink gold faceted dart indexes and luminous dots, outer minute/second track
HANDS: Pink gold luminous alpha
MOVEMENT: Cal. 9 ¾''', rhodium-plated, 18 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating Breguet balance-spring
ACCESSORIES: Fitted box
CONDITION:
Case: Very good Dial: Very good, nice patina
Hands: Very good, slightly oxidized Movement: Very good
ESTIMATE: € 4,000 – 5,000

LOT 193

THE "PRISONER WATCH", REF. 3525

ROLEX, OYSTER CHRONOGRAPHE, ANTIMAGNETIC, SO-CALLED THE "PRISONER WATCH", REF 3525, CASE NO. 185927, MADE IN 1942
Very fine and exceptionally rare, stainless steel, antimagnetic, water-resistant gentlemen's chronograph wristwatch with round pushers, 30-minute register, tachometer, telemeter and stainless steel Rolex buckle

Ref 3525 was one of the first Oyster Chronographs and was available in stainless steel as well as 18K pink and yellow gold. When this watch first appeared in the early 1940s, it cost CHF 350 in stainless steel and CHF 935 in 18K gold.

This watch is also known as the "Prisoner watch". Rolex sold this watch on credit to British prisoners of war held in Germany who were expected to pay for the watch at the end of the war. During World War II, Hans Wilsdorf boosted the morale of British POWs by sending them Rolex watches on request, with the understanding that they could pay for them after the war was won by the Allied forces.
Rolex, as well as the other Swiss watch companies, suffered a severe loss of sales during the war, as Switzerland was completely surrounded by the Axis powers and was cut off from British and U.S. markets. Wilsdorf, who had started his watch business in England, was a staunch supporter of the British forces.

While most of the British POWs ordered the small and relatively inexpensive Speed King model, the more expensive ref. 3525 Chronograph model was requested in March 1943 by Clive James Nutting at Stalag Luft III in Poland. Nutting was involved in planning the now-famous escapes from that prison camp, later becoming a consultant for the movies inspired by those events: Wooden Horse in 1950 and The Great Escape in 1963. The escape effort that inspired the second movie took place one year and two weeks after Nutting ordered his Rolex. He kept his chronograph until his death in 2001.

Reference: Osvaldo Patrizzi, Rolex, *Collecting Modern and Vintage Wristwatches*, Guido Mondani Editore, 2006 edition, pp. 420-422.

FUNCTIONS: Chronograph, telemeter, tachometer, 30-minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 8 mm
CASE: Two-piece, polished and brushed, sloped bezel, curved curved down lugs, screw-down case back and crown
DIAL: Silvered, semi-brilliant, with painted black Arabic numerals, outer black minute/seconds track, outermost black telemeter and tachometer scales in miles, subsidiary seconds and 30-minute register dials
HANDS: Blued steel luminous *bâton*
MOVEMENT: Cal 13''', rhodium-plated, Côtes de Genève decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Good, nice patina, slightly spotted
Hands: Good, slightly spotted Movement: Very good
ESTIMATE: € 40,000 – 50,000


ROLEX
OYSTER
ANTIMAGNETIC

LOT 194

YELLOW GOLD COSMOGRAPH, REF. 6263

ROLEX, OYSTER, COSMOGRAPH, REF. 6263, CASE NO. 3257872, MOVEMENT NO. 5014404, CIRCA 1976-1977

Very fine and rare, tonneau-shaped, 18K yellow gold, water-resistant, gentlemen's chronograph wristwatch with screw down pushers, tachometer graduated to 200 units, 30-minute and 12-hour registers, and an 18K yellow gold Rolex buckle

FUNCTIONS: Chronograph, tachometer graduated to 200 units, 30-minute and 12-hour registers, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 14 mm
CASE: Two-part, polished and brushed, black bezel with tachometer graduation to 200 units per hour, screw-down pushers, winding crown and back
DIAL: Two-tone, gold and black, radially brushed, with applied yellow gold faceted *bâton* and luminous dot indexes, outer minutes/chronograph track, sunk *flinqué* subsidiary dials for seconds, 30-minute and 12-hour registers
HANDS: Yellow gold *bâton* with luminous inserts
MOVEMENT: Cal. 727, rhodium-plated, 17 jewels, straight-line lever escapement, monometallic balance, adjusted to three positions, shock absorber, self-compensating free-sprung Breguet balance spring
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 35,000 – 45,000



Ref 6263 was produced in stainless steel in 14K and 18K gold and was published in the Rolex Catalogue from 1971 to 1987. Launched in 1971, ref. 6263 was, along with its sister watch Ref. 6265, the first full production "Oyster Cosmograph". According to the Rolex general catalogue, the model was available only in stainless steel and 18K yellow gold, however, examples in 14k yellow gold and two examples in platinum are known. The reference was no longer illustrated in the 1987-1988 general catalog, although it was still in the price list for those years. The 6263 was finally replaced by the 16520 series of watches in the 1988-89 general catalog.

LOT 195

SUBMARINER, REF. 5513

ROLEX, OYSTER PERPETUAL, 200 M/660 FT, SUBMARINER, REF. 5513, CASE NO. 1193158, MADE IN 1965
Very fine, tonneau-shaped, stainless steel, self-winding, center-seconds, water-resistant, gentlemen's wristwatch with a stainless steel Rolex Oyster bracelet and Rolex deployant clasp

FUNCTIONS: Self-winding, decompression timing, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 14 mm
CASE: Three-part, polished and brushed, bi-directional brown revolving bezel graduated for decompression timing, curved lugs, Triplock winding crown protected by crown guard, screw-down back and crown
BRACELET: Rolex stainless steel Oyster with Rolex deployant clasp
DIAL: Black, luminous *bâton*, dot and triangular indexes, outer gilt minutes/seconds track
HANDS: Gilt and luminous Mercedes
MOVEMENT: Cal. 1530, rhodium-plated, 26 jewels, straight-line lever escapement, monometallic balance, adjusted to temperature and five positions, shock absorber, self-compensating free-sprung Breguet balance spring, index regulator, hack mechanism
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 18,000 – 25,000



Ref. 5513 was launched in 1959 with the "Crown-guard" and was produced only in stainless steel. It appeared in the Rolex catalogue until 1990, with production ceasing in 1991. It was the preferred watch of many of the world's elite military forces. It has been said that two things give away a member of the U.S. Special Forces: his sapphire ring and his Rolex Submariner. Ref. 5513 was also preferred by COMEX deep-sea divers, who were issued Submariners by the company during the 1960s and 1970s.



LOT 196

YELLOW GOLD, REF. 6290

ROLEX, OYSTER PERPETUAL, OFFICIALLY CERTIFIED, CHRONOMETER, REF. 6290, CASE NO. 975578, CIRCA 1953-1954

Fine and rare, cushion-shaped, 18K yellow gold, self-winding, center-seconds, water-resistant gentlemen's wristwatch with an 18K yellow gold Rolex buckle

FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 32 mm Æ, thickness 13 mm
CASE: Two-part, polished and brushed, with sloped bezel, curved down lugs, screw-down back and crown
DIAL: Black, guilloché, applied yellow gold dart indexes with luminous dot accents, outer minutes/seconds track
HANDS: Yellow gold dauphine
MOVEMENT: Cal. 10 ½‴, rhodium-plated, Côtes de Genève decoration, 19 jewels, straight-line lever escapement, Superbalance balance, shock absorber, self-compensating Breguet balance-spring
CONDITION:
Case: Very good, micro scratches on the back
Dial: Very good
Hands: Very good, slight scratches
Movement: Very good
ESTIMATE: € 6,000 – 10,000

LOT 197

YELLOW GOLD, REF. 6062

ROLEX, OYSTER PERPETUAL, OFFICIALLY CERTIFIED CHRONOMETER, REF. 6062, CASE NO. 942554, MADE IN 1953

Very fine and extremely rare, 18K yellow gold, astronomic, self-winding, tonneau-shaped, water-resistant gentlemen's wristwatch with "Super-Oyster" crown, full calendar and moon phases, with a leather strap and 18K yellow gold Rolex buckle

Ref 6062 was produced from 1950 to 1953 with 350 examples in 18K yellow gold, 50 examples in 18K pink gold, and a very few examples in stainless steel. The yellow gold 6062 remained in the Rolex catalogue until 1960. It is interesting to note that in the advertisements for this watch, it was referred to as the Oyster Perpetual "COSMOGRAPH".

The Super-Oyster crown was also called "Phantom crown" because of its resistance to dust, perspiration and water, as well as when the crown was in position to set the hours. The Super-Oyster winding crown was an attempt by Rolex to create a waterproof winding crown which did not need to be screwed down. The system itself worked; however, in time the rubber seal perished and this crown type was phased out after only a few years (+/- 5 years) of production. Rolexes with Super-Oyster crowns are very rare due to the fact that when the watches were serviced, the crowns were usually replaced by the more reliable Oyster screw-down crown.

A similar watch was illustrated on Rolex - Collecting Modern and Vintage Wristwatches Vol. 1, by Osvaldo Patrizzi, Guido Mondani Editore, edition 2006, pp. 406-411.

FUNCTIONS: Phases of the moon, months, days of the week, date, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 14 mm
CASE: Two-piece, solid, polished and brushed, Super Oyster crown, screw-down back
DIAL: Silver, radially brushed, applied luminous yellow gold faceted dart indexes, subsidiary sunk seconds dial, outer graduation for the date in blue Arabic numerals, apertures for the day, months and phases of the moon
HANDS: Yellow gold and luminous dauphine
MOVEMENT: Cal. 655, "Chronometer", rhodium-plated, 18 jewels, straight-line lever escapement, Superbalance balance timed in six positions, self-compensating Breguet balance spring
CONDITION:
Case: Very Good
Dial: Very good
Hands: Very good
Movement: Very good
EXPERT'S OVERALL OPINION: An exceptionally rare and sought after watch in excellent overall condition
ESTIMATE: € 90,000 – 120,000


ROLEX
OYSTER PERPETUAL
MON

LOT 198

"SPIDER WEB DIAL" STAINLESS STEEL GMT-MASTER REF. 1675

ROLEX, OYSTER PERPETUAL, GMT-MASTER SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF 1675, CASE NO. 1089399, MADE IN 1964

Very fine and rare, stainless steel, self-winding, dual time zone, center-seconds, water-resistant gentlemen's wristwatch with date, 24-hour bezel and a stainless steel Rolex Oyster riveted bracelet. Accompanied by leather pouch and technical specifications.

FUNCTIONS: Self-winding, two time zone, date, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 39 mm Ø thickness 13 mm
CASE: Three-piece, polished and brushed, blue and red graduated bidirectional revolving bezel for the 24-hour time zone, screw-down case back and crown, winding crown protected by the pointed crown guard, curved lugs, crystal with Cyclops lens, dedication on the back "James E. Mathis / 064 28 54 24 / Special Forces"
BRACELET: Stainless steel Rolex Oyster riveted bracelet
DIAL: Dark chocolate with luminous round, bâton and triangular indexes, outer minute track, aperture for the date at 3, with spider web effect
HANDS: Luminous stainless steel Mercedes and arrow
MOVEMENT: Cal 1560, rhodium-plated, 26 jewels, straight-line lever escapement, monometallic balance adjusted
to 5 positions and temperature, shock absorber, self-compensating free-sprung
Breguet balance spring
ACCESSORIES: Leather pouch and technical
specifications
CONDITION:
Case: Very good
Dial: Very good, nice patina
Hands: Very good, slight spots
Movement: Very good
ESTIMATE: € 10,000 – 14,000



Ref 1675 replaced ref. 6542 in 1959 and remained in production until 1980. It was replaced by ref. 16750, which was in production from 1979 to 1988.

Rolex used organic pigment (color) in the production of their dials and bezels, which created magnificent colored dials and bezels over time.

The GMT-Master was developed for the rapidly growing world of international air travel shortly after World War II. It quickly became a vital accessory for the world's jetsetters and was enthusiastically endorsed by Pan Am's pilots and, later, test pilots. In 1983, Rolex was able to boast that the GMT-Master was a favorite of renowned tenor Placido Domingo, who relied on his watch to keep track of different time zones as he traveled the globe.

Reference: Osvaldo Patrizzi, Rolex, Collecting Modern and Vintage Wristwatches, Vol. I, Guido Mondani Editore, 2005, pp. 376-379.



LOT 199

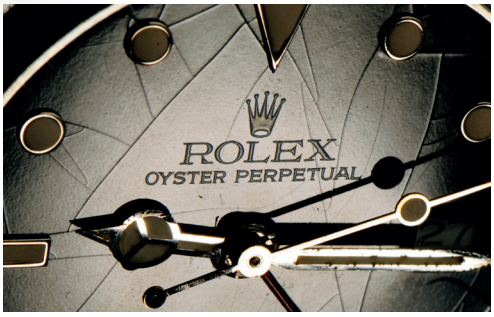
"SPIDER WEB DIAL" GMT-MASTER, REF. 16750

ROLEX, OYSTER PERPETUAL, GMT-MASTER, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 16750, CASE NO. 8591871, MADE IN 1984

Very fine and rare, stainless steel, self-winding, two time zone, center-seconds, water-resistant, gentlemen's wristwatch with bi-color revolving bezel, date, and a stainless steel Rolex bracelet with deployant clasp

FUNCTIONS: Self-winding, two time zone, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 13 mm
CASE: Three-part, polished and brushed, bi-color red/blue revolving reeded bezel graduated to 24-hours, crystal with Cyclops lens
BRACELET: Stainless steel Rolex bracelet with deployant clasp
DIAL: Black, brilliant, with luminous dot, triangular and *bâton* indexes, outer minutes/seconds track, aperture for the date at 3, spider web effect
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Cal. 3075, rhodium-plated, 27 jewels, straight-line lever escapement, monometallic balance adjusted to temperatures and five positions, self-compensating Breguet balance-spring
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 14,000 – 18,000







LOT 200

YELLOW GOLD "DAY-DATE"

ROLEX, OYSTER PERPETUAL, DAY-DATE, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 1803, CASE NO. 3828168, MADE IN 1974

Fine and rare, 18K yellow gold, self-winding, center-seconds, water resistant gentlemen's wristwatch with day and date, integrated 18K yellow gold Rolex bracelet with deployant clasp. Accompanied by additional links for the bracelet, Rolex guarantee and *Attestation de Chronomètre Officiel*.

The Oyster Perpetual Day-Date, with date and day of the week indications, is one of the most popular luxury wristwatches ever made. The Oyster Day-Date had two windows, one with the days of the week spelled out in full, and the other indicating the date. It was available in a choice of 26 different languages and different colored dials.

FUNCTIONS: Self-winding, days of the week, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34.5 mm Ø, thickness 12 mm
CASE: Three-piece, polished and brushed, fluted bezel, curved down lugs, screw-down case back and crown, crystal with "Cyclops" lens
BRACELET: Integrated 18K yellow gold Rolex bracelet with deployant clasp
DIAL: Champagne, radially brushed with applied yellow gold *bâton* indexes and luminous dots, outer minute track, apertures for the date at 3 and for the days at 12
HANDS: Yellow gold luminous *bâton*
MOVEMENT: Cal. 1555
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 5,000 - 8,000

LOT 201

STAINLESS STEEL "PRE-DAYTONA", REF. 6234

ROLEX, OYSTER CHRONOGRAPH, ANTI-MAGNETIC, REF 6234, CASE NO. 688776, MADE IN 1961

Very fine and extremely rare, stainless steel, tonneau shaped, water-resistant gentlemen's wristwatch with round button chronograph, registers, telemeter scale printed in blue, tachometer scale printed in black, and rare 3/6/9 minutes telephone timing indicator

The chronology of the chronograph with minute and hour registers began with Ref 4537, produced only in 1946. It was replaced by the 6034, produced from 1946 to 1960. Ref 6234 replaced the 6034 in 1960, and Ref 6238 later replaced 6234 until around 1964. Ref 6034, 6234 and 6238 are called "Pre-Daytona" by collectors.
Reference: Osvaldo Patrizzi, "Rolex, Collecting Modern and Vintage Wrist watches", Guido Mondani Editore, 2005, vol. I, pp. 117-131.

FUNCTIONS: Chronograph, tachometer, telemeter, 30-minute and 12-hour registers, 3/6/9 minutes telephone timing indicator, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 14 mm
CASE: Three-piece, polished, sloped bezel, curved lugs, screw-down case back and crown
DIAL: Silvered, matte with applied stainless steel dart indexes and luminous dots, outer telemeter graduation in miles, outermost tachometer to 300 units per hour, subsidiary dials for the seconds, the 12-hour and 30-minute registers, telephone timing indicator combined with 30-min register
HANDS: Luminous stainless steel alpha
MOVEMENT: Cal 72 A, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, adjusted to 3 positions, shock absorber, self-compensating Breguet balance-spring, index regulator
CONDITION:
Case: Very good
Dial: Good, patina, spotted
Hands: Very good
Movement: Very good
ESTIMATE: € 40,000 – 45,000


ROLEX
TELEMETER
BASE MILE
ANTI-MAGNETIC



LOT NO. 202

THE BATTLE OF ARCOLA

G. MASTERMAN, LONDON, CIRCA 1795

Very interesting and rare, silver, pair-cased, continuous automaton pocket watch commemorating Napoleon's victory at the Battle of Arcola

The Battle of Arcola was a three-day battle against Austrians, famous for Napoleon Bonaparte grabbing a flag and personally leading an assault across the Arcola Bridge. This scene is depicted on the dial with Napoleon already on the bridge leading his troops, the animated scene appearing in the aperture showing four scenes: Napoleon ordering his men to follow him, Napoleon charging across the bridge, the French charging a cannon, and finally French troops marching across the bridge following Napoleon's example.

The watch is interesting for several reasons. It is one of the earliest French Revolutionary watches. It is also a mysterious combination of French, German (or Austrian), and French. The movement is typical French or Swiss ebauche of the period, signed with an English name and engraved "London". The case is in English style with fake (sometimes called "prestige") English marks. The inscription on the dial "*Bataille bei Arcola geivonnen von Bonaparte d 16ten novbr 1795*" is in German but with misspelled "*gevonden*" (won) and French "d'" before 16ten. The watch might have been an attempt to imply that the British were on the French side.

The watch is featured at the http://free.pages.at/taschenuhr/automatenuhren.html as an example of a continuous horological automaton.

FUNCTIONS: Automaton, hours, minutes
SIGNED: On the back plate
DIMENSIONS: 65 mm Ø
CASE: *Outer*: two-part, polished. *Inner*: two-part, *bassine* with deep back, polished
DIAL: Painted on enamel on copper ground, Battle at Arcola, Breguet hours on an eccentric chapter at the top with outer minutes divisions, the center with the famous bridge and Napoleon on a black horse charging across, behind him the French troops, at the side the French charging their cannons; the other side of the bridge with Austrian troops shooting into the French side, in the background the ciry of Arcola in a cannon smoke, the top with inscription "*Bataille bei Arcola geivonnen von Bonaparte d 16ten novbr 1795*"; aperture with four scenes (see note) painted on ivory
HANDS: Gilt crescent
MOVEMENT: 47 mm, frosted gilt full-plate with cylindrical pillars, fusee and chain, verge escapement brass balance with flat balance spring, continental cock, large diamond endstone
CONDITION:
Case: Very good, thumbpiece worn
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 4,000 - 6,000

LOT 203

EARLY MINUTE REPEATING

CHRIST MORICAND, GENEVA, NO. 39741, CIRCA 1800

Exceedingly rare, 18K yellow gold, five-hammer *Grande et Petite Sonnerie* (striking) clockwatch with independent early minute repeating on a bell with visible striking works

A rare example of an early minute-repeating mechanism still based on the movable star wheel. It was a half century later when Audemars invented a mechanism with a fixed star, making the hour repeating change more precise and consequently enabling the minute-repeating work to be more accurate. Before, makers had struggled with accurate repeating at the end and at the beginning of the hour. Only a few succeeded, most notably Breguet and some of his pupils. This is an excellent example of the best work Switzerland was capable of at the turn of the eighteenth and nineteenth centuries. The case is superbly made, the movement is exceptional for the period, executed when minute repeating work was far away from being common and required exquisite workmanship in order to make it work correctly. It was 60 years later when Audemars invented the fixed star enabling an average workman to produce minute repeaters. Before, they were reserved for the best. There is a watch signed "Breguet, No. 70549" with a very similar movement, which, in all likelihood, was sold by Breguet when he was in Switzerland on exile from 1794-1795.

MAKER'S BIOGRAPHY: According to O. Patrizzi, *Dictionnaire des Horlogers Genevois*, Antiquorum Edition, Genève 1998, Christ Moricand worked in Geneva in the rue des Corps-Saints, circa 1810 and in partnership with his son from 1815. The firm was founded circa 1780, after the disappearance of Jean Delisle. The company dissolved around the end of the century, after the deaths of Christ in 1791 and of Benjamin. Some of their works are of great interest. Apart from commercial watches, they made watches with special escapements, with very complicated automatons, with dates and time equations, as well as repeater and alarm watches.

FUNCTIONS: *Grande et Petite Sonnerie*, minute repeating, hours, minutes

SIGNED: Dial, dust cap

DIMENSIONS: 60 mm Ø

CASE: Two-part, band pierced and engraved for sound, back cover fixed with the bell

DIAL: White enamel, counter enamel signed "P", Breguet hours, outer minutes divisions, winding aperture at 1 and 4

HANDS: Gold Breguet

MOVEMENT: 45 mm, frosted gilt, full plate, turned brass pillars, cylinder escapement, three-arm brass balance with flat balance spring, top escape wheel's pivot on separate plate, fixed barrels for going, striking, and repeating trains, five hammers, three for the repeater, two for striking, *grande* or *petite* striking lever protruding at 1 o'clock, repeating on bell by depressing the pendant, gilt brass dust cap

CONDITION:

Case: Very good

Dial: Very good, minimal chips on the edge under the bezel

Hands: Very good

Movement: Very good

ESTIMATE: € 8,000 – 12,000







LOT 204
LADY BY A LAKE
GLAESNER, A LYON, NO. 780, CIRCA 1780
Very fine and unusual, 18K gold and painted on enamel watch of unusual construction

The case is built with an additional glazed back to guard the enamel which, as expected, is in near mint condition.
Glaesner was an excellent watchmaker. He worked in Lyon (France), at Place du Théatre. Several very fine clocks bearing his signature are known to exist. Along with Prudhomme, in 1783, he attempted to build a factory of blank watch movements in Lyon. During the siege of Lyon, he was jailed for his political opinions and his workshop was looted. In 1795 he produced a report which supported the recruitment of 20'000 women for the production of watch ebauches. He was introduced to Lemaire who appointed him in 1796 as Director of his manufacture. He went mad in 1799 and died in 1800.
FUNCTIONS: Hours and minutes
SIGNED: Dial and movement
DIMENSIONS: 42 mm Ø
CASE: Three-part, Louis XV, of unusual construction with fixed back painted on enamel of a lady reading by a lake, hinged glazed back with engraved bezel protecting the painting, matching front bezel
DIAL: White enamel, Roman hours, outer minutes track with five-minute Arabic markers
HANDS: Gold Louis XV
MOVEMENT: Frosted gilt full-plate, fusee and chain, verge escapement brass balance with flat balance spring, continental cock
CONDITION:
Case: Very good — Dial: With slight hairlines
Hands: Very good — Movement: Very good
ESTIMATE: € 4,000 - 6,000

LOT 205
WOLF-TOOTH TRAIN
LEPINE, A PARIS, INVENIT ET FECIT, NO. 5418, CIRCA 1785
Very rare and fine, 18K yellow gold, quarter-repeating, *à toc* watch with wolf-tooth train

This watch features most of Lépine's horological inventions, including the 1763 revolutionary repeating mechanism in which the hour and quarter racks were placed directly on the winding arbor. The new design was a great improvement, eliminating the fragile winding chain. It also gave the system better stability and decreased friction, while saving room and simplifying the mechanism. This was a great improvement in repeating watches. The 1763 *Mémoire of the Académie des Sciences*, in the chapter "Machines ou inventions approuvées par l'Académie en 1763," gave a very favorable report of Lépine's invention. The idea, with some modifications, still survives today. The watch also features his other inventions: wolf-tooth train and racks (wolf teeth being considerably stronger than regular symmetrical ones). Lépine used them on the racks of most of his repetition work, a two-part case with a concealed hinge, and an elegant way of opening the case by twisting the pendant.

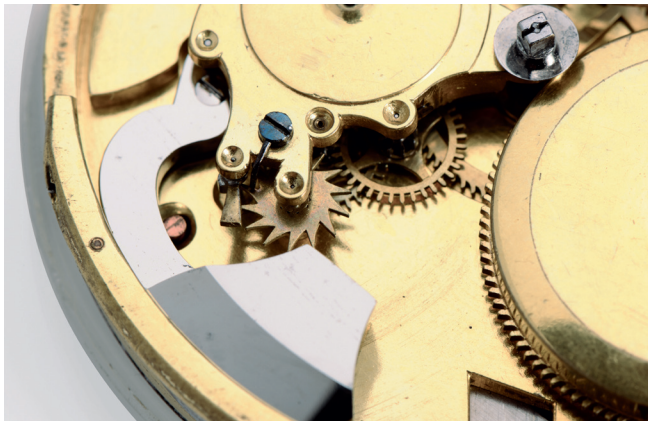
Another feature found in the watch is an anti-dust arrangement in which the front plate is integrated with the dust ring, minimizing the dust penetration. At the time, Lépine and André Hessen were the only ones to use this arrangement, although Hessen used it on full plate calibers.
The watch also features alternating Roman and Arabic numerals, typical for Lépine.

Jean-Antoine Lépine (1720-1814), son of Jean "The King's Mechanical Expert", was born on 18 November 1720 at Challex, a small village a few kilometers north of Geneva. After having worked for some time at the establishment of Decrose, at the Grand Saconnex in the suburbs of Geneva, he arrived in Paris in 1744. A workman for André Charles Caron, the King's Clockmaker and father of Beaumarchais, he married his employer's daughter in 1756 and was received as Master in 1765. He was appointed "Horloger du Roi" (King's Clockmaker) about 1765. In 1766 he succeeded Caron, and appeared on the list of Paris clockmakers of that year as Jean-Antoine Lépine, Hger du Roy, rue Saint Denis, Place Saint Eustache.

In 1772, Lépine established himself in the Place Dauphine; in 1778-1779, Quai de l'Horloge du Palais; then in the rue des Fossés Saint Germain l'Auxerrois near the Louvre in 1781; and finally at 12 Place des Victoires in 1789. In 1782, his daughter Pauline married one of his workmen, Claude-Pierre Raguet, with whom he formed a partnership in 1792.

In 1763 he invented a new repeating mechanism for watches, which was published in the *Mémoires de l'Académie des Sciences* in 1766.
His new caliber, of revolutionary concept, replacing the rear plate by bridges, was invented about 1770. The different moving parts could thenceforward be dismounted separately, which made maintenance and repair much easier. Also, the use of a dead-beat escapement, less sensitive to variations in the driving force than the recoil escapement hitherto in use, allowed him to suppress the fusee. This new lay-out was improved by Breguet, who adopted it beginning in 1790 for most of his watches.







Lépine was responsible for a number of other inventions, one of them being the virgule escapement, a simplification of the double virgule escapement, invented by his father-in-law and used by his brother-in-law, Pierre Augustin Caron (who became famous under the name of Beaumarchais). Competing with the cylinder escapement invented in England, the virgule escapement had a certain amount of success on the Continent at the end of the eighteenth century and at the beginning of the nineteenth, when it was used by numerous clockmakers. However, it had the inconvenience of not holding oil, and wore out quickly when it was not perfectly executed. Lépine also developed a new form of case, *à charnières perdues*, with concealed hinges and a fixed bezel. Since these watches were rewound and set from the rear, the movement was protected from dust by an inner case. This new arrangement had the advantage of preventing access from the dial face, thus avoiding damaging it or the hands.

Other inventions by Lépine had only an ephemeral success, justifying neither the difficulty of their execution, nor the increase in price. This was true of wolf teeth wheels, intended to limit friction, and a method of re-winding without a key, operated by pumping the stem.

Lépine remained faithful to his country of origin, and went often to the Gex countryside, particularly to Ferney, where Voltaire had set up a watch manufactory in 1770. Friendly relations were established between Lépine and the philosopher, but we do not know the exact role he played in the Ferney manufactory. It is certain that he gave commissions to the workshops there until 1792. An unsigned memoir of 1784 reports that Lépine stayed in Ferney for 18 months and that he had watch movements made there with a value of 90,000 livres a year. After his retirement, sometime around 1793, although he had lost his sight, Lépine continued to be active in the firm managed by his son-in-law until his death on 31 May 1814, at the age of 93 years old.

FUNCTIONS: Quarter repeating, hours, minutes
SIGNED: Dial and cuvette; case hallmarked with standard French gold marks
DIMENSIONS: 56 mm Ø
CASE: Two-part, Lepine type with concealed hinge, opens by twisting the pendant, polished, hinged, gilt cuvette
DIAL: White enamel, upright alternating Arabic and Roman numerals, outer minutes divisions with five-minute red Arabic markers
HANDS: Blued steel Breguet
MOVEMENT: 50 mm, Lepine caliber with standing barrel, the front plate integrated with dust ring, lateral lever escapement, original three-arm gold balance with flat balance spring, LeRoy's anchor governor, repeating with single hammer on gold blocks inside the case by depressing the pendant
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good, escapement now with lever
ESTIMATE: € 7,000 - 10,000

LOT 206
THE LIRA
SWISS, RETAILED BY DYKES BROTHERS, GLASGOW, CIRCA 1815
Rare and fine, 18K multicolor gold, form watch set with turquoise, rubies, and emeralds, designed as a lira in original retailer leather fitted box
FUNCTIONS: Hours and minutes **SIGNED:** In the box **DIMENSIONS:** Length 60 mm (with bow), width 28 mm
CASE: Two-part, soundboard with applied multicolor floral pattern, set with turquoise, emeralds and sapphires, same with the horns and the base, spring-loaded bezel
DIAL: Gold, fully engraved and engine-turned, *champlevé* blue enamel Roman hours, matching outer dot minutes divisions
HANDS: Blued steel Breguet
MOVEMENT: 24 mm, frosted gilt full-plate with cylindrical pillars, fusee and chain, verge escapement brass balance with flat balance spring, continental cock
ACCESSORIES: Original leather fitted retailer box
CONDITION: Case: Very good Dial: Very good Hands: Very good Movement: Very good
ESTIMATE: € 4,500 - 6,000

LOT 207
SCALLOP SHELL
SWISS, CIRCA 1810
Very fine, 18K yellow gold and enamel, pearl-set, hunting-cased form watch designed as a scallop shell
FUNCTIONS: Hours and minutes **SIGNED:** On cuvette **DIMENSIONS:** Length 40mm, width 34 mm
CASE: Two-part, formed with graduated pearls and translucent red enamel on the shell ribs, oval suspension ring, spring-loaded cover
DIAL: White enamel, Breguet hours, outer minutes divisions, winding aperture at 1 o'clock
HANDS: Blued steel Breguet
MOVEMENT: 21.5 mm, frosted gilt full-plate with cylindrical pillars, fusee and chain, verge escapement brass balance with flat balance spring, continental cock
CONDITION:
Case: Good, small repair, very small chips on top Dial: Very good Hands: Very good Movement: Very good
ESTIMATE: € 4,000 - 6,000

LOT 208
THE MANDOLIN
SWISS, CIRCA 1820
Fine, 18K yellow gold and enamel, watch with concealed dial, designed as a mandolin
FUNCTIONS: Hours and minutes
DIMENSIONS: Length 65 mm, width 30 mm
CASE: Two-part, "*fermée*" type, the soundboard with translucent red enamel over *flinqué*, gold laurel-leaf wreath on white opaque enamel encircling the sound hole, the neck in alternating black enamel and gold straps, the vaulted back with alternating sections of black enamel and blue sectors with gold floral and foliate patterns, gold twist-wire strings, gold suspension chain
DIAL: White enamel, Breguet hours, outer minutes divisions, winding aperture at 1 o'clock
HANDS: Blued steel Breguet
MOVEMENT: 26 mm, hinged, gilt brass full plate with cylindrical pillars, fusee and chain, verge escapement, three-arm brass balance, continental cock
CONDITION: Case: Very good, small edge chips Dial: Good, some scratches, one hairline Hands: Good, some blueing is off Movement: Good
ESTIMATE: € 3,000 - 4,000

LOT 209
THE MELON
GIDE ET BLONDET FILS, GENEVA, CIRCA 1810
Fine, 18K yellow gold and enamel, concealed dial, form watch designed as a melon with a gold chain and a gold Breguet-type key

FUNCTIONS: Hours and minutes
SIGNED: Dial
DIMENSIONS: Length 30 mm, width 27 mm
CASE: Double-body, spherical with *champlevé* enameled sectors decorated with blue and pink enamel
DIAL: White enamel, Breguet hours, outer minutes divisions, winding aperture at 1 o'clock
HANDS: Gold
MOVEMENT: 20 mm (9‴), hinged, gilt brass full plate with cylindrical pillars, fusee with chain, verge escapement, three-arm brass balance, flat balance spring, gilt brass continental cock and polished steel end piece
CONDITION:
Case: Very good, few enamel chips Dial: Excellent Hands: Excellent, minute missing Movement: Very good
ESTIMATE: € 3,000 - 4,000



206



207



208



209





LOT 210

QUARTER REPEATER WINDING CROWN

PATEK, PHILIPPE & CIE., GENÈVE, NO. 14667, CIRCA 1859
Very fine and very rare, 18K yellow gold, hunting-cased, keyless, quarter-repeating pocket watch with an early form of keyless mechanism

This watch is fitted with the third version of Adrien Philippe's stem winding mechanism with the possibility of turning the crown in only one direction.

FUNCTIONS: Quarter repeating, hours, minutes, small seconds
SIGNED: Cuvette, case and movement numbered
DIMENSIONS: 46 mm Ø

CASE: Five-part, *demi-bassine*, engine-turned, gold hinged cuvette
DIAL: White enamel, Roman hours, outer minutes divisions, sunk subsidiary seconds at 9:30
HANDS: Blued steel Breguet
MOVEMENT: 17‴, frosted gilt, wolf-tooth winding wheels, 26 jewels, straight-line lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, blued steel flat balance spring
CONDITION:
Case: Very good, some wear to the engine turning
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 5,000 - 7,000

LOT 211

QUARTER REPEATER

COURVOISIER, GENEVA, NO. 35374, CIRCA 1855
Very fine, 18K yellow gold, hunting-cased, quarter-repeating pocket watch in a fitted box

FUNCTIONS: Quarter repeating, hours, minutes
SIGNED: Cuvette
DIMENSIONS: 48 mm Ø
CASE: Five-part, *demi-bassine*, engine-turned, bezels, bow, and pendant chased with floral pattern, gold hinged cuvette
DIAL: White enamel, Roman hours, outer minutes track
HANDS: Gold and blued steel fancy
MOVEMENT: 40 mm, frosted gilt, 30 jewels, lateral counterpoised lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, blued steel flat balance spring
ACCESSORIES: Fitted box
CONDITION:
Case: Very good
Dial: Very good
Hands: Good, hour hand repaired
Movement: Very good
ESTIMATE: € 3,000 - 4,000







LOT 212

ANTONIO UGHI, ROMA, CIRCA 1770

Very fine and very rare, rosewood and gilt bronze, 24-hours bronze Roman

MAKER'S BIOGRAPHY: Antonio Ughi, according to Morpurgo, lived and worked in Rome in the beginning of the 1700s. He is remembered for making Roman table and bracket clocks with chiseled bronzes.

PUBLISHED IN: *Dizionario degli orologiai Italiani* by Enrico Morpurgo, Milan, 1974

FUNCTIONS: Alarm, hours, minutes

SIGNED: Dial

DIMENSIONS: Height 47 cm, base: front: 26 cm, back 37 cm

CASE: Rhomboidal cross-section on gilt bronze extended feet, four tapered columns with long gilt bronze appliqués with masks, frets and rosettes below the inverse bell top, hinged gilt bronze handle

DIAL: Silvered ring with Roman hours and outer minutes divisions with five-minute Arabic markers mounted on a gilt plate, center with revolving silvered alarm disk with Arabic hours, winding aperture at 8, alarm aperture at 1, foliate spandrels at each corner, arched top with silvered ring with the name flanked by two pierced spandrels

HANDS: Steel, ornate

MOVEMENT: Rectangular, 11 x 9 cm, brass, conical turned baluster pillars, going barrel, verge escapement, steel-strap-rod pendulum with circular bob, alarm on a bell set at the top

CONDITION:

Case: Very good Dial: Very good Hands: Very good Movement: Very good

ESTIMATE: € 2,500 - 3,500



LOT 213

GUGLIELMO MEURON A BOLOGNE, NO. 5154, CIRCA 1770

Very fine and very rare, rosewood, 8-day going, hour and quarter hour striking bracket clock with alarm

MAKER'S BIOGRAPHY: Guglielmo Meuron was born in Neuchâtel and, according to Morpurgo, lived in Italy supplying other Italian clockmakers with his clocks. He came from a very well established clockmaking family. The Meurons, along Robert and Jaquet-Droz, were makers of musical clocks. In the Jaquet-Droz books there are mentions of a Guglielmo Meuron who supplied him with gold repeating self-winding watches for 720 French livres. Is it the same Guglielmo? If so, he was one of the best makers of his times.

FUNCTIONS: Hour and quarter hour striking, alarm, hours, minutes

SIGNED: Dial and movement

DIMENSIONS: Height 55 cm, base width 34 cm

CASE: On ormolu paw feet, curving in and in the middle, inlaid with rosewood forming floral and foliate motifs, gilt brass pine cone finial, glazed, hinged front door inlaid with a pattern forming twisted rope, sides with pierced brass frets for sound, back with hinged door with tooled paper inside

DIAL: White enamel, concave in the middle, Roman hours, outer minutes divisions with five-minute Arabic markers, winding apertures at 4 and 8

HANDS: Gilt brass Louis XV

MOVEMENT: Rectangular, 12 x 14, brass, going barrels, verge escapement, steel-rod pendulum with brass lens bob, silk suspension, Neuchâtel striking system from one barrel for the quarters and the hours from a brass count wheel set on the back plate

ACCESSORIES: Fitted box

CONDITION: Case: Very good Dial: Good, with a few hairlines on the edge Hands: Very good Movement: Very good

ESTIMATE: € 4,000 - 6,000

LOT 214

NATHANIEL CLIFF, HULL, CIRCA 1770
Fine, hardwood, 8-day going, hour and half-hour striking, bracket clock with date and striking/silence provision

MAKER'S BIOGRAPHY: Nathaniel Cliff (sometimes Clift) was a clockmaker at Hull in the second half of the 18th century.
FUNCTIONS: Hour and half hour striking, date, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 51 cm (with the handle)
CASE: On molded base with molded square feet, inverse bell top flanked with four gilt brass pine cone finials, brass handle, glazed sides, hinged and glazed front and back door, the front one with polished brass frets for the sound, front with two brass columns decorated with floral pattern
DIAL: Brass ring, *champlevé* Roman hours, outer minutes divisions with five-minute Arabic markers, winding apertures at 3 and 9, date aperture at 6, center with matte ground and aperture for the makers name, above brass ring and hand for striking/silent
HANDS: Blued steel, George III
MOVEMENT: Rectangular, 18 x 14, brass, back plate fully engraved with scrolls and flower vase, fusee and gut on both trains, verge escapement, brass-rod pendulum with tear-drop bob, rack striking
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 - 4,000



LOT 215

JACOB WIDENMANN, VIENNA, CIRCA 1770
Fine, fruitwood, 24-hours going, quarter-striking bracket clock with date, quarter-repeating and striking/silent provisions for repeating and striking

MAKER'S BIOGRAPHY: There were two Jacob Widenmanns in Vienna in the second half of the 18th century, both were esteemed makers.
FUNCTIONS: Hour and quarter striking, quarter repeating, hours, minutes, striking/silence, repeating/silence
SIGNED: Dial
DIMENSIONS: Height 52 cm (with the handle), base width 32 cm
CASE: On small molded base with four ormolu foliate feet, inverse bell top with *rocaille* gilt brass hinged handle pivoted from two lions, torch finials, front with two gilt columns, glazed sides, hinged and glazed front and back doors, the front one with gilt frame
DIAL: Silvered ring, *champlevé* Roman hours, outer minutes divisions with five-minute Arabic markers, date aperture at 6, winding apertures at 3, 6 and 9, mounted on a matte gilt plate, above at 1 silvered ring for striking/silence, at 11 for repeating/silence, floral spandrels at each corner
HANDS: Blued steel Louis XVI
MOVEMENT: Rectangular, 15 x 12 cm, brass, fusee and chain on all three trains, verge escapement, brass-rod pendulum with a brass vase bob, silk suspension, rack striking
CONDITION:
Case: Very good
Dial: Very good, some wear to the silvering
Hands: Very good
Movement: Very good
ESTIMATE: € 3,500 - 4,500







LOT 216
ZAPPLER
F. BOEHLER, FRANCFORT S/M, CIRCA 1860
Rare and amusing, horn, ivory, ebony and gilt brass, zappler clock with a thermometer

A Zappler clock generally refers to small clocks with pendulum in front of the dial, Austrian of German, usually from the 19th and the 20th centuries. It is not a very precise term, for there are many similar earlier clocks that could be called the same.

FUNCTIONS: Thermometer, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 27 cm, base 7.4 cm Ø
CASE: Top with horn case housing the clock on a long horn neck with built-in gilt brass mercury thermometer in Raumere and Fahrenheit scales, ebony circular base
DIAL: Horn, engraved Roman hours, outer minutes divisions
HANDS: Blued steel
MOVEMENT: Brass, full plate, going barrel, tic-tac escapement with brass escape wheel, short front pendulum
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,200 - 1,600

LOT 217
PULL REPEAT
BAPTISTE BAILLON, PARIS, NO. 3385, CIRCA 1765
Very fine and very rare, gilt bronze Cartel d'applique clock with pull quarter repeating

Cartel clocks with pull repeats are very rare.

Jean Baptiste III Albert Baillon (d. 1772) was made "Valet de Chambre –Horloger Ordinaire de la Reine" in 1727, "Premier Valet de Chambre de la Reine" (before 1748), then "Premier Valet de Chambre" and "Valet de Chambre-Horloger Ordinaire de la Dauphine Marie-Antoinette" in 1770. He was established in the Place Dauphine in 1738 and the rue Dauphine after 1751. Jean-Baptiste III Baillon was an extremely wealthy man and he was one of the most important clockmakers of the 18th century, in terms of the extent of his business. Berthoud described his establishment as "the finest and richest Clock Shop" and said that his house in Saint-Germain was "a kind of Factory. It is full of Workmen continually laboring for him... for he alone makes a large proportion of the Clocks and Watches (of Paris)."

FUNCTIONS: Quarter repeater, hours, minutes
SIGNED: Dial, movement
DIMENSIONS: Height 46 cm
CASE: Atypical Cartel shape, with *rocailles*, top with asymmetrical flower vase, base with flowers, at 3 o'clock pull-repeat cord on rollers
DIAL: White enamel, Roman hours, outer minutes track with five-minute Arabic markers, winding aperture at 6, regulating aperture at 12
HANDS: Elaborate gilt Louis XV
MOVEMENT: Shaped, brass, turned pillars, going barrel, anchor escapement, silk suspension, circular brass bob, repeating works on the back plate
CONDITION:
Case: Very good, few missing part
Dial: Very good, small repair by the windind aperture
Hands: Very good
Movement: Very good
ESTIMATE: € 20,000 - 25,000


BAPTISTE
BAILLON


CHIME
NOT CHIME





LOT 218

FOR THE ISLAMIC MARKET

JOHN DRURY, LONDON, FECIT, MADE FOR THE ISLAMIC MARKET, CIRCA 1760

An exceptional, tortoiseshell on hardwood and gilt brass, three-train musical carillon bracket clock with quarter chiming and hour striking

MAKER'S BIOGRAPHY: John Drury was the most prominent maker of musical clocks in London in the second part of the 18th century. His involvement in the making of musical clocks was so high that he started casting his own bells and became a prolific maker of clock bells. He also made most, if not all, of the watch bells during this period. He worked in London from 1720 to 1774. He was a son of a well-established clock and watchmaker, James Drury, and a grandson of another clockmaker, also John. Apparently, a custom of naming a son after his grandfather was well lived in the Drury family, since John's son, who also became a well-known London clockmaker, was named after his grandfather as well. All four made some remarkable clocks. The Asprey Collection had an exceptional large clock by John Drury, architecturally very similar to ours, with an automaton and with twelve melodies. It was considered Drury's masterpiece.

FUNCTIONS: Carillon, quarter chiming, hour striking, hours, minutes, music/silence
SIGNED: On the back plate
DIMENSIONS: Height 38 cm, width 20 cm, depth 12 cm
CASE: Architectural on four double feet, glazed side panels, glazed and hinged front and back doors, torch finials
DIAL: White enamel, Islamic numerals, outer minutes track with five-minute Islamic markers, winding apertures at 3, 6, and 9, above small music/silent enamel dial, all attached to metal dial plate painted with floral motifs
HANDS: Blued steel, elaborate, similar to Louis XV
MOVEMENT: Rectangular, 13 x 11 cm, back plate well engraved with scrolling, all trains with fusee and guts, verge escapement with pendulum, tear-drop bob, carillon on six bells, hour striking on its own bell
CONDITION:
Case: Very good
Dial: Good, with small repairs around winding apertures for the music and striking
Hands: Very good
Movement: Very good
ESTIMATE: € 18,000 - 25,000



LOT 219

COAXIAL SINGLE-BUTTON CHRONOGRAPH

LONGINES, *CHRONOGRAPHE COMPTEUR*, NO. 4811704, CIRCA 1920

Very fine and rare, 18K yellow gold gentlemen's chronograph wristwatch with single button chronograph, hinged case, 30-minute register and tachometer

FUNCTIONS: Chronograph, 30-minute register, tachometer, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø thickness 8 mm
CASE: Three-piece, circular, polished, rounded hinged bezel, single button chronograph inside the winding crown, hinged lugs, hinged double back, inside back engraved with "*9 GRANDS PRIX / CHRONOGRAPHE COMPTEUR*"
DIAL: White enamel, with painted black Breguet numerals, outer minute/second track, blue and red spiral tachometer, subsidiary sunk dials for the 30-minute register and constant seconds
HANDS: Blued steel *feuilles*
MOVEMENT: Cal. 1333, gilt, straight-line lever escapement, cut bimetallic compensation balance, self-compensating blued Breguet balance spring, index regulator
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Good, needs to be serviced
ESTIMATE: € 4,000 – 5,000

LOT 220

COAXIAL SINGLE-BUTTON CHRONOGRAPH

TIFFANY & CO., NEW YORK, CHRONOGRAPH, CASE NO. 32755, CIRCA 1925-1930

Fine and unusual, cushion-shaped, stainless steel, gentlemen's wristwatch with single-button chronograph, 30-minute register, and original fitted box

FUNCTIONS: Chronograph, 30-minute register, hours, minutes, small seconds
SIGNED: Dial and case signed Tiffany & Co., movement signed Lecoultre Co.
DIMENSIONS: Width 34 mm, thickness 12 mm
CASE: Three-part, brushed, sloped bezel, dropped down lugs, single-button chronograph, snap-on back
DIAL: White enamel, with painted black Breguet hours, outer minutes/chronograph track with red fifth minute divisions, sunk subsidiary dials for the seconds and 30-minute register
HANDS: Blued steel *bâton* and spade
MOVEMENT: Cal. Valjoux 23, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance-spring, index regulator
ACCESSORIES: Original fitted box
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Good, needs to be serviced
ESTIMATE: € 3,000 – 4,000





LOT 221

YELLOW GOLD CHRONOGRAPH

MINERVA CO., CHRONOGRAPH, "EXPRESSLY MADE FOR NUGGET", NO. 53, MADE IN A LIMITED EDITION OF 100 EXAMPLES IN THE 1990s

Fine and rare, 18K yellow gold, gentlemen's chronograph wristwatch with oval pushers, registers, hinged back, original leather strap and yellow gold buckle

Minerva was founded in 1858 by Charles-Yvan Robert and Hyppolite Robert of Villeret, who built the company which will become the Minerva watch brand in 1887. But it wasn't until 1902, under the leadership of Robert's sons, that Minerva became a manufacturer, that is to say a watchmaker that designed and manufactured the most critical parts, such as the blank movement, in its own engineering workshops.

FUNCTIONS: Chronograph, 12-hour and 30-minutes registers, hours, minutes, seconds
SIGNED: Dial signed Nugget, case and movement signed Nugget and Minerva Co.
DIMENSIONS: 33 mm Ø, thickness 12 mm
CASE: Three-part, circular, convex bezel, hinged lugs and back
DIAL: Silvered, *guilloché*, brushed chapter ring with painted Breguet numerals, outer minute/chronograph track divided into fifths, 30-minute register at 3, 12-hour register at 6 and small seconds at 9
HANDS: Blued steel Breguet
MOVEMENT: Cal. 1873
CONDITION:
Case: Very good, minimal wear scratches Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 2,000 – 2,500

LOT 222

ONE-PUSH BUTTON CHRONOGRAPH

EBERHARD, CASE NO. 213062, MADE IN THE 1920s

Fine, stainless steel, hinged back, gentlemen's chronograph wristwatch with a single oval pusher, spiral tachometer graduated to 360 units, telemeter and 30-minute register.

FUNCTIONS: Chronograph, tachometer graduated to 360 units, telemeter, 30-minute register, hours, minutes, small seconds
SIGNED: Dial signed, case numbered
DIMENSIONS: 39 mm Ø, thickness 12 mm
CASE: Three-part, circular, convex hinged bezel, hinged and back
DIAL: White enamel, painted black Breguet hours, outer minutes/chronograph divisions, outermost red telemeter scale in kilometers, inner red spiral tachometer graduated to 360 units, sunk subsidiary dials for the seconds and 30-minute register
HANDS: Blued steel Breguet
MOVEMENT: Rhodium-plated, *Côtes de Genève* decoration, straight-line lever escapement, monometallic balance, self-compensating Breguet balance spring, index regulator
CONDITION:
Case: Good, scratches on the back
Dial: Very good
Hands: Very good
Movement: Good
ESTIMATE: € 1,200 – 1,600



LOT 223

PINK GOLD "OVETTO"

ROLEX, OYSTER PERPETUAL, CHRONOMETRE, SO-CALLED "OVETTO", REF. 5050, CASE NO. 668701, CIRCA 1948-1951
Fine and rare, cushion-shaped, 18K pink gold, self-winding, center-seconds, water-resistant gentlemen's wristwatch with 18K pink gold extensible Rolex bracelet with deployant clasp

FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 31 mm, thickness 15 mm
CASE: Three-part, polished, with sloped bezel, curved down lugs, screw-down back and crown
DIAL: Black, brilliant, with painted gilt Arabic and *bâton* indexes, outer minutes/seconds track
HANDS: Pink gold alpha
MOVEMENT: Cal. 9 ¾''', rhodium-plated, 18 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating Breguet balance-spring
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 8,000 – 12,000





LOT 224

PINK GOLD "OVETTO"

ROLEX, OYSTER PERPETUAL, CHRONOMETRE, REF. 3131, MADE IN THE 1940s
Very fine, tonneau-shaped, 18K pink gold, self-winding, center-seconds, water-resistant, gentlemen's wristwatch

This model is called "Bubble-Back" by English speaking collectors, whereas the Italian collectors call it "Ovetto". The other so-named references are Ref. 5011 and 6011. These two are identical, except that the 6011 has a "Super-Oyster" crown and the 5011 a traditional Oyster crown.

FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 32 mm, thickness 15 mm
CASE: Three-part, polished and brushed, sloped bezel, curved down lugs, screw-down back and crown
DIAL: Black, matte, with gilt Arabic, *bâton* and triangular indexes, outer minutes/seconds track, gilt lettering
HANDS: Gilt Mercedes
MOVEMENT: Cal. 630, rhodium-plated, *Côtes de Genève* decoration, 23 jewels, straight-line lever escapement, monometallic balance adjusted to temperature and five positions, Breguet balance-spring
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 3,000



LOT 225

"HEURES SAUTANTES"

BREGUET, "*HEURES SAUTANTES*", REF. 3420 PT, NO. 3325 B, NO. 27/400, MADE IN A LIMITED EDITION OF 400 EXAMPLES IN 1990, SOLD ON MARCH 17, 1991
Very fine and rare, platinum, self-winding, jumping hours gentlemen's wristwatch with a Breguet leather strap and platinum buckle. Accompanied by original fitted box and Certificate of Origin and Guarantee.

Reference 3420 was made in a limited edition of 400 examples in platinum and 800 examples in yellow gold. This reference was launched in 1990.

FUNCTIONS: Self-winding, jumping hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: 36 mm Ø, thickness 9 mm
CASE: Two-piece, circular, polished and brushed, convex bezel, reeded band, straight lugs, sapphire-set winding crown
DIAL: White enamel with painted Breguet minutes, cryptographic signature at 12, aperture for the jumping hours at 12
HANDS: Blued steel Breguet
MOVEMENT: Cal. 561, rhodium-plated, *Côtes de Genève* decoration, 25 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating flat balance spring, twin barrels
ACCESSORIES: Original fitted box, Certificate of Origin and Guarantee
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 12,000 – 14,000



LOT 226

STAINLESS STEEL GMT-MASTER, REF. 16750

ROLEX, OYSTER PERPETUAL DATE, GMT-MASTER, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 16750, CASE NO. 7245667, MADE IN 1982

Very fine, stainless steel, self-winding, two time zone, center-seconds, water-resistant, gentlemen's wristwatch with black revolving bezel, date, and a stainless steel Rolex bracelet with deployant clasp

FUNCTIONS: Self-winding, two time zone, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 13 mm
CASE: Three-part, polished and brushed, bi-directional black revolving reeded bezel graduated to 24 hours, crystal with Cyclops lens
BRACELET: Stainless steel Rolex bracelet with deployant clasp
DIAL: Black, brilliant, with luminous dot, triangular and *bâton* indexes, outer minutes/seconds track, aperture for the date at 3
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Cal. 3075, rhodium-plated, 27 jewels, straight-line lever escapement, monometallic balance adjusted to temperatures and five positions, self-compensating free-sprung Breguet balance-spring
CONDITION:
Case: Good, slight dents and scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 – 16,000



LOT 227

TOURBILLON GOLDEN SQUARE

ROGER DUBUIS, GOLDEN SQUARE, REF. G40 03 5 N1. 52, NO. 03/28, MOVEMENT NO. 87,MADE IN LIMITED EDITION OF 28 EXAMPLES IN 2005

Very fine ,18k pink gold ,water-resistant gentlemen's wristwatch with flying tourbillon, tourbillon carriage visible at 7 o'clock, instant large date display at 12 o'clock, power reserve indication between 2:30 and 5:30,one minute tourbillon rotation, with Roger Dubuis leather strap and Roger Dubuis 18K pink gold buckle. Accompanied by original fitted box , certificate of origin, warranty and technical instructions.

FUNCTIONS: Flying tourbillion, power-reserve indicator, date, hours, minutes, small seconds
SIGNED: Dial, case and movement
DIMENSIONS: Height 40 mm, width 40 mm, thickness 13 mm
CASE: Two-part, polished and brushed, sloped bezel, curved screw lugs, case back with aperture for viewing the tourbillon and secured with eight screws
DIAL: Mother-of pearl, with painted black radial Arabic indexes, inner minutes track, power-reserve indication, aperture for the view of the flying one minute tourbillon within subsidiary seconds, aperture for the date at 12 o'clock
HANDS: Pink gold spade
MOVEMENT: Cal RD 03, rhodium-plated, *Côtes de Genève* decoration, stamped with the Seal of Geneva quality mark, 28 jewels, lateral lever escapement, monometallic balance, shock absorber, self-compensating flat balance spring
ACCESSORIES: Original fitted box, certificate of origin and warranty and technical instructions
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 35,000 – 40,000



LOT 228

SUBMARINER, REF. 5513

ROLEX, OYSTER PERPETUAL, 200 M/660 FT, SUBMARINER, REF. 5513, CASE NO. 2352839, CIRCA 1969-1970
Very fine, tonneau-shaped, stainless steel, self-winding, center-seconds, water-resistant, gentlemen's wristwatch with a stainless steel Rolex Oyster bracelet and Rolex deployant clasp

Ref. 5513 was launched in 1959 with the "Crown-guard" and was produced only in stainless steel. It appeared in the Rolex catalogue until 1990, with production ceasing in 1991. It was the preferred watch of many of the world's elite military forces. It has been said that two things give away a member of the U.S. Special Forces: his sapphire ring and his Rolex Submariner. Ref. 5513 was also preferred by COMEX deep-sea divers, who were issued Submariners by the company during the 1960s and 1970s.

FUNCTIONS: Self-winding, decompression timing, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 14 mm
CASE: Three-part, polished and brushed, bi-directional black revolving bezel graduated for decompression timing, curved lugs, Triplock winding crown protected by crown guard, screw-down back
BRACELET: Rolex stainless steel Oyster with Rolex deployant clasp
DIAL: Black, with luminous *bâton*, dot and triangular indexes, outer minutes/seconds track
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Cal. 1520, rhodium-plated, 26 jewels, straight-line lever escapement, monometallic balance, adjusted to temperature and five positions, shock absorber, self-compensating Breguet balance spring, hack mechanism
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 8,000 – 10,000



LOT 229

"CHRONOGRAPHE AUTOMATIQUE"

BREGUET, HORLOGER DE LA MARINE, "*CHRONOGRAPHE AUTOMATIQUE*", NO. 852 C, MOVEMENT NO. 0353, MADE IN THE 1990s

Very fine and rare, 18K yellow gold, self-winding, water resistant gentlemen's chronograph wristwatch with 12-hour and 30-minute registers, date, leather strap and 18K yellow gold Breguet buckle. Accompanied with leather pouch, technical specifications and booklet.

FUNCTIONS: Self-winding, chronograph, 30-minute and 12-hour registers, date, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 10 mm
CASE: Three-piece, circular, rounded stepped bezel, reeded band, domed winding crown with Breguet signature, straight lugs, back secured with six screws, sapphire crystal
DIAL: Gold, *guilloché*, brushed chapter ring with radial Roman numerals, outer minute/chronograph divisions, subsidiary ring dials for the 12-hour and 30-minute registers, and constant seconds, aperture for the date at 6
HANDS: Blued steel Breguet
MOVEMENT: Cal. 576, rhodium-plated, *Côtes de Genève* decoration, 37 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating flat balance spring, 21K gold *guilloché* rotor
ACCESSORIES: Leather pouch, technical specifications and booklet
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 9,000 – 12,000

LOT 230
PINK GOLD CHRONOGRAPH

BREGUET, CHRONOGRAPH, NO.2073 C, MADE IN THE 1990s
Very fine and rare, 18K pink gold, water-resistant gentlemen's chronograph wristwatch with 30-minute register, date, leather strap and 18K pink gold Breguet buckle. Accompanied by original fitted box.

FUNCTIONS: Chronograph, 30-minute register, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 10 mm
CASE: Two-part, circular, rounded stepped bezel, reeded band, straight lugs, transparent back, sapphire crystal
DIAL: Silvered, *guilloché*, brushed chapter ring with radial Roman hours, outer minutes/chronograph divisions, subsidiary ring dials for the seconds and 30-minute register
HANDS: Blued steel Breguet
MOVEMENT: Cal. 652, rhodium-plated, *Côtes de Genève* decoration, 21 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating Breguet balance-spring, index regulator
ACCESSORIES: Original fitted box
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 8,000 – 12,000





LOT 231

YELLOW GOLD, REF. 2508

PATEK PHILIPPE, GENÈVE, REF. 2508, MOVEMENT NO. 708684, CASE NO. 2613705, MADE IN 1960, SOLD ON DECEMBER 22, 1960

Very fine and elegant, 18K yellow gold, water-resistant, gentlemen's wristwatch with a Patek Philippe leather strap and 18K yellow gold Patek Philippe buckle. Accompanied by an Extract from the Archives.

Production of this model, reference 570, began in 1938. The first examples were produced with caliber 12‴-120, 12 SC, and 12‴- 400AM, from 1938 on. In 1950 the company used their new caliber 27-SC for this reference.

FUNCTIONS: Hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 11 mm
CASE: Two-part, polished, flat bezel, dropped down lugs, screw-down back, dust protection cap over movement
DIAL: Silvered, matte, with applied yellow gold faceted *bâton* indexes, outer minutes/seconds track
HANDS: Yellow gold *dauphine*
MOVEMENT: Cal. 27-SC, rhodium-plated, *Côtes de Genève* decoration, punched with the Seal of Geneva quality mark, 18 jewels, straight-line lever escapement, monometallic balance, adjusted to heat, cold, isochronism and five positions, shock absorber, self-compensating blued steel Breguet balance-spring, swan-neck micrometric regulator
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 – 16,000

LOT 232

YELLOW GOLD CALATRAVA, REF. 570

PATEK PHILIPPE, GENEVE, REF. 570, MOVEMENT NO. 707639, CASE NO. 316893, RETAILED BY SOMAZZI, MADE IN THE 1960s

Very fine and rare, 18K yellow gold, center-seconds, gentlemen's wristwatch with a leather strap and 18K yellow gold Patek Philippe buckle

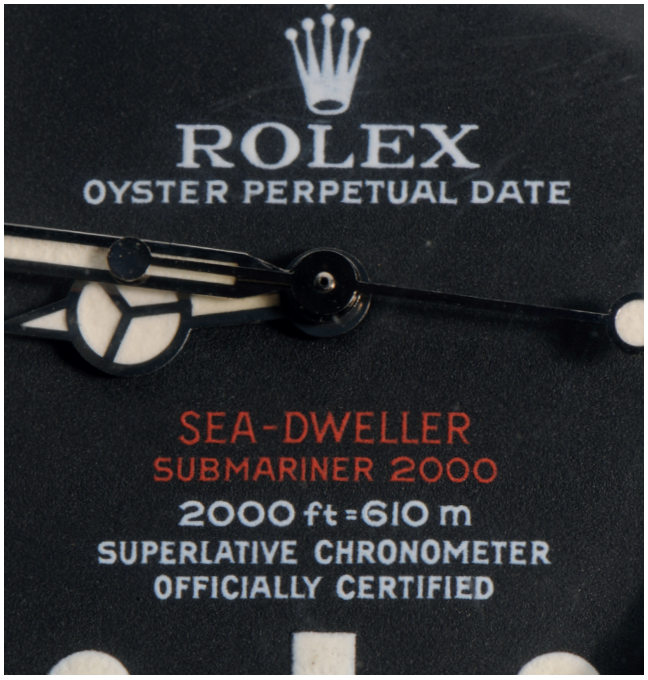
Production of this model, reference 570, began in 1938. The first examples were produced with caliber 12‴-120, 12 SC, and 12‴- 400AM, from 1938 on. In 1950 the company used their new caliber 27-SC for this reference.

FUNCTIONS: Hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 36 mm Ø, thickness 11 mm
CASE: Three-part, polished and brushed, flat bezel, dropped down lugs, snap-on back
DIAL: Silvered, matte, with applied yellow gold faceted *bâton* indexes, outer dot minute divisions
HANDS: Yellow gold faceted *dauphine*
MOVEMENT: Cal. 27-SC, rhodium-plated, *Côtes de Genève* decoration, stamped twice with the Seal of Geneva quality mark, 18 jewels, straight-line lever escapement, monometallic balance with screws, adjusted to heat, cold, isochronism and 5 positions, self-compensating blued Breguet balance spring, swan-neck micrometric regulator
CONDITION:
Case: Very good, minimal wear signs
Dial: Very good, nice patina
Hands: Very good
Movement: Very good
ESTIMATE: € 14,000 – 18,000









LOT 233

DOUBLE RED SEA-DWELLER, REF. 1665

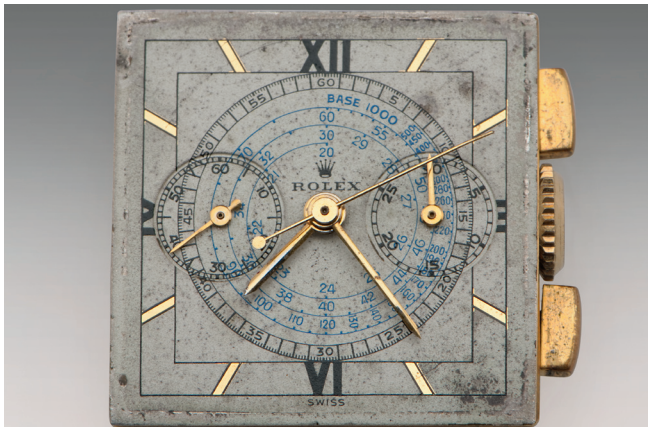
ROLEX, OYSTER PERPETUAL DATE, SEA-DWELLER, SUBMARINER 2000, 2000 FT = 610 M, SUPERLATIVE CHRONOMETER, OFFICIALLY CERTIFIED, REF. 1665, CASE NO. 3577054, CIRCA 1973-1974

Very fine and extremely rare, stainless steel, self-winding, center-seconds, water-resistant divers' wristwatch with a helium escape valve, date, and a stainless steel Rolex bracelet with deployant clasp. Accompanied by original fitted box and warranty.

Ref 1665 was the first Sea-Dweller model, produced for more than a decade beginning in 1967, and was developed in partnership with COMEX, the French deep-sea diving company. It featured the patented Helium Escape Valve, designed to prevent the crystal from exploding during decompression.

FUNCTIONS: Self-winding, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 17 mm
CASE: Three-part, polished and brushed, bi-directional graduated black bezel for the decompression times, helium escape valve at 9, screw-down back and crown, Triplock winding crown protected by the crown guard
DIAL: Black, matte, with luminous round, triangular and *bâton* indexes, outer minutes/seconds track, aperture for the date at 3, five lines letterings, double red
HANDS: Stainless steel and luminous Mercedes
MOVEMENT: Cal 1570, rhodium-plated, *Côtes de Genève* decoration, 26 jewels, straight-line lever escapement, monometallic balance adjusted to temperature and five positions, shock absorber, self-compensating Breguet balance-spring, hack mechanism
ACCESSORIES: Original fitted box and warranty
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 22,000 – 25,000


50
40
30
20
10
SEA-DWELLER
2000 ft = 610 m
SUPERLATIVE CHRONOMETER
OFFICIALLY CERTIFIED









LOT 234

YELLOW GOLD "SQUARE" CHRONOGRAPH, REF. 3529

ROLEX, REF. 3529, CASE NO. 55029, CIRCA 1940
Very fine and very rare, square, 18K yellow gold, gentlemen's chronograph wristwatch with rectangular pushers, spiral tachometer calibrated to 1000 units, 30-minute register. Accompanied by original Rolex warranty.

Ref. 3529 was produced in small numbers between 1939 and 1942. It was available in stainless steel, yellow gold and pink gold.
Reference: Osvaldo Patrizzi, *Rolex, Collecting Modern and Vintage Wristwatches,* Vol. I, Guido Mondani Editore, 2006, pp. 98-99.

FUNCTIONS: Chronograph, tachometer, 30-minute register, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 26 mm, thickness 11 mm
CASE: Two-piece, polished and brushed, angled lugs, snap-on back
DIAL: Off-white, with printed black Roman numerals and yellow gold *bâton*, inner minutes/chronograph divisions, innermost spiral tachometer with base 1000, subsidiary sunk dials for seconds and 30-minute register
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. 10 ½‴, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, self-compensating Breguet balance spring, index regulator
CONDITION:
Case: Very good
Dial: Good, aged patina, slightly spotted
Hands: Very good
Movement: Very good
ESTIMATE: € 28,000 – 34,000





LOT 235

AN OUTSTANDING WATCH STAND

ITALY, MADE FOR THE FUTURE VICEROY OF NAPLES, VINCENZO GROMANI, CIRCA 1680

A magnificent, burr Thuja wood, gilt bronze and ebonized hardwood watch stand in the form of a Tabernacle

This is one of the most spectacular watch stands in existence. Made based on the Baroque tabernacle, it stands out among all watch stands.

It was made for Vincenzo Gromani (1655 – 1710), who was a member of an important Venetian family whose members included two Doges.

He was an important diplomat, negotiating a peace pact between Holy Roman Emperor, Leopold I and Vittorio Amedeo II of Savoia. In 1697 he became a cardinal and in 1708 the Viceroy of Naples, a position he held until his death.

Gromani is also remembered for being an opera lover. He supplied the libretto for Handel's *Agrippina*. He also supplied libretti for *Elmiro re di Corinto*, by Pallavicino, and *Orazio* by Tosi. All the operas were produced at the Teatro S Giovanni Grisostomo, which he owned, while other members of his family owned several other Venetian opera houses.

PUBLISHED IN: Adriana Crespi Bartolini, *Storia Degli Orologi*, p. 84
SIGNED: Gromani's coat of arms on the finial and the door
DIMENSIONS: Height 77 cm, base width 43 cm
CASE: In shape of a tabernacle, in burr Thuja wood, front with ebonized door inlaid with Gromani's coat of arms, spiral ebony columns with gilt capitals, the top with watch holder behind a gilt balustrade, flanked by ebony spiral columns with gilt capitals, the top with a gilt knight with a shield bearing Gromani's coat of arms, each side with gilt bronze figural finials depicting Erato, the Muse of lyric and love poetry, Urania, the Muse of astronomy, and Terpsichore, the Muse of dancing, back with opening for inserting a watch
CONDITION: Very good
ESTIMATE: € 22,000 - 30,000





LOT 236

ANSELMO GANZINOTTO, GENOVA, CIRCA 1710

Very fine and very rare, large, fruitwood, 24-hours going, hour and half-hour striking, table clock with Huygens' cycloidal cheeks and single power source

MAKER'S BIOGRAPHY: Anselmo Ganzinotto made not only table clocks but, as a contract signed on September 5, 1729 indicates, he also built tower clocks. The contract describes a clock he was to build for a church in Genova.

Judging by this clock and by the fact that he was knowledgeable enough to know that, in reality, a pendulum is not isochronous and that to make it isochronous one needs to employ special guides of special shape for the suspension cord to travel in order to make the pendulum isochronous, Ganzinotto's horological knowledge was clearly very developed.

FUNCTIONS: Hour and half-hour striking, hours, minutes
SIGNED: Dial and movement
DIMENSIONS: Height 81 cm, base 60 cm
CASE: Large concave base, a drawer above, scroll top, two spiral columns with two large finials above, glazed and hinged front door,
solid, hinged back door
DIAL: Silvered, *champlevé* Roman hours, inner quarter-hour divisions, outer minutes divisions with five-minute Arabic markers, corners with pierced spandrels, a gilt frame below
HANDS: Gilt brass *fleur-de-lis*
MOVEMENT: Rectangular, 12 x 11 cm, going barrel with two wheels,
one for the going train, the other for striking, verge escapement,
steel-rod pendulum with brass oval bob and Huygens' cycloidal cheeks, 12-hour count wheel on the back plate, striking on two bells set in a compartment over the movement
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 22,000 - 26,000





LOT 237

STEFANO SCAGULLER, VENEZIA, CIRCA 1730
Very fine rare and extremely important, rosewood and ormolu, 24-hours going, quarter-striking bracket clock with alarm, quarter repeating, adjustment dial, and striking/silent provision

The clock features one power source for striking as well as for the going train. It also has a rare adjustment dial calibrated for 24 minutes.

MAKER'S BIOGRAPHY: Stefano SCAGULLER (or SCAGULER) was a clock maker who worked in Venice in the first half of the XVIII century. His clocks were very accurate devices built within fine wooden cases. The mechanisms were very skillful, with special mechanical solutions such as an alarm mechanism that, after being wound up, was able to ring at the same time for some days and to stop after some alerting time. The family Zammatto from Padua has a Scaguler-signed clock with wooden wheels dating back to 1746. A private collector from Bologna owns another clock made of walnut wood from India. An antiquarian from Milan owns a clock with different astronomic indications.

FUNCTIONS: Hour and quarter striking, quarter repeating, alarm, rate adjustment, hours, minutes
SIGNED: Back plate
DIMENSIONS: Height 40 cm
CASE: Rosewood, molded base on four ormolu curved feet, concave top with opening for the sound covered with gilt brass pierced frets, hinged, gilt brass handle at the top, glazed sides, front and back hinged doors with unlocking knob
DIAL: Silvered ring with *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, center with revolving brass alarm disk with Arabic hours and knobs on the circumference, on matte ground, *rocaille* applied gilt brass spandrels, the arch with 24-minute adjustment dial and a hand, strike/silent knob below
HANDS: Blued steel beetle and poker
MOVEMENT: Rectangular, 15 x 12 cm, turned baluster pillars, going barrel geared on both sides, one for the going train, the other for the striking, four-wheel going train, verge escapement, pendulum with a circular bob, spring suspension controlled by a cam on the dial side, different-length lifting pins striking system, pull alarm, two bells, one for hour striking, one for the quarters
ACCESSORIES: Original (most likely) brass key
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 28,000 – 32,000





LOT 238

PELLEGRINO AMOROTTI, ROMA, CIRCA 1750
Fine and rare, walnut, ebonized and ormolu, 24-hours going, quarter and hour striking on six-hour base, bracket clock with alarm and quarter repeating

MAKER'S BIOGRAPHY: Pellegrino Amorotti is considered one of the best Roman clockmakers of his day (Morpurgo). Morpurgo places him in the beginning of the 1700s. Amorotti made very fine clocks, richly decorated with fine ormolu. His work can be seen in the Palazzo Venezia's Museum, a home of the Marquise Mereghi, and few other, mostly Italian, collections.

PROVENENCE: Previous collection Tommaso Ruscitti
PUBLISHED IN: The Instituto e Museo di Storia della Scienza, Firenze, 1998, Suoneria alla Romana, fig 77a, p. 81
FUNCTIONS: Striking hours and quarters, alarm, quarter repeating, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 57 cm (without handle), base width 37 cm
CASE: On molded walnut and ebonized base with four ormolu *rocaille* feet, inverted bell top flanked by four torch finials, gilt brass handle, glazed sides, hinged, glazed front and back doors, the front one with four gilt brass rosettes in each corner, right side with cord activating repeater
DIAL: Silvered ring, *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, center with revolving brass alarm ring with Arabic hours on gilt matted background, corners with floral appliqués
HANDS: Steel Louis XV
MOVEMENT: Square, 11 x 11 cm, turned conical baluster pillars, going barrels, verge escapement, brass-rod pendulum with brass tear-drop bob, quarter and hour striking of the different length lift-pins system, from the same power source, striking on two bells, one for the quarters, and one for the hours
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 9,000 – 14,000


PELLEGRINO AMCIOTTI



LOT 239

GENNARO LISTA, NAPOLI, CIRCA 1750
Fine and rare, ebonized and ormolu, 24-hours going, quarter and hour striking on six-hour base, bracket clock with alarm and quarter repeating

MAKER'S BIOGRAPHY: Gennaro Lista (sometimes Listro) from Naples, according to Morpurgo, built accurate clocks in the beginning of the 1700s. He also made pocket watches of which, Morpurgo continues, he saw a good number of them.

FUNCTIONS: Striking hours and quarters, alarm, quarter repeating, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 52 cm, base width: front 32 cm, back 40 cm
CASE: Trapezoid cross-section, molded base on four ormolu foliate feet, shallow inverted bell top with gilt bronze frets centered with *fleur-de-lis*, ornate gilt bronze handle, gilt bronze small torch finials, glazed side panels, hinged and glazed front and back doors, the front with two pierced spandrels, cord for repeating activation
DIAL: Bronze ring with *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, center with brass revolving alarm disk with Arabic hours, on richly engraved gilt brass plate, all flanked by pierced frets
HANDS: Steel, ornate, similar to Louis XV
MOVEMENT: Rectangular, 13 x 14 cm, going barrels, verge escapement, steel-rod pendulum with tear-drop bob, hour and quarter striking from the same barrel of the different length lift-pins system, striking on two bells with two hammers, one for quarters, one for hours, alarm utilizes the hour bell
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good, will benefit from cleaning
ESTIMATE: € 4,000 - 6,000







LOT 240

ALARM BRACKET CLOCK

GIO. BATTA DUVAL, GENOVA, CIRCA 1730
Fine, ebonized and fruitwood, 24-hours going, hour and half-hour striking bracket clock with alarm, single barrel and square dial

FUNCTIONS: Hour and half-hour striking, alarm, hours, minutes
SIGNED: Dial, movement
DIMENSIONS: Height 40 cm (with handle), base width 24 cm
CASE: Molded base on four gilt brass paw feet, shallow inverted bell top with handle, glazed sides and frets for sound, hinged and glazed front and back door, key drawer in the front
DIAL: Silvered ring with *champlevé* Roman numerals, outer minutes divisions with five-minute Arabic markers, center with revolving brass disk with Arabic hours on matted gilt ground, winding aperture at 6, alarm winding aperture at 10, corners with silvered spandrels with stylized foliage
HANDS: Steel, ornate
MOVEMENT: Rectangular, 12 x 9 cm, going barrel, verge escapement, steel-rod pendulum with tear-drop bob, striking and going trains wound from the same barrel, 12-hour count wheel on the back plate
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 5,000 - 7,000



LOT 241

GIO. BATTA CALLIN, GENOA, 1730
Highly important, rosewood, quarter-repeating small bracket clock with alarm and double repeating activation

Besides being an elegant clock in excellent condition, it features an unusual provision of repeater activation from each side. It also features an interesting repeating arrangement with different-length lifting pins (see note to lot 259).

MAKER'S BIOGRAPHY: Gio. Batta Callin came from a well established family of clockmakers in Leguria, originally German immigrants. He was the best educated Genoa's clockmaker in the middle of the 18th century. His work is easily recognized by certain small details characteristic only of him. He brought the Genoa's clockmaking to a new level.

FUNCTIONS: Quarter repeating, alarm, hours, minutes
SIGNED: Dial plate
DIMENSIONS: Height 32 cm
CASE: Molded base with a key drawer on square wooden feet, arched top with gilt brass handle, front and back hinged, glazed doors with locks on the left side with brass opening knobs, the front with gilt brass floral appliqués, glazed sides, both sides with a repeating activating cord
DIAL: Silvered ring with *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, inner quarter-hour scale, winding aperture at 6, alarm aperture at 11, center with revolving silvered alarm disk with Arabic hours over matte gilt, gilt brass spandrels
HANDS: Blued steel, decorative hour, poker minute
MOVEMENT: Rectangular, 11 x 9 cm, turned pillars, going barrel, verge escapement, pendulum with small circular brass bob, pull repeat with unusual possibility of activation on each side, two bells, one for the hours, the other for the quarters
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 16,000 – 20,000


Geo: Batta. Callin: Genoa



LOT 242

THE ONLY WHITE GOLD "*CADENAS*" TYPE

VACHERON & CONSTANTIN, GENEVE, REF. A3 7561, CASE NO. 433205, MOVEMENT NO. 598985, SOLD ON DECEMBER 25, 1967

Very fine and elegant, 18K white gold, oval gentlemen's wristwatch with unusual lugs, a Vacheron & Constantin leather strap and 18K white gold buckle. Accompanied by original fitted box and Certificate of Origin and Guarantee.
This is a unique piece built on request.

FUNCTIONS: Hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 35 mm, length 25 mm, thickness 9 mm
CASE: Two-piece, oval, polished and brushed, sloped bezel, "*cadenas*" lugs, case back secured with four screws
DIAL: Off-white, matte, with applied white gold *bâton* indexes
HANDS: White gold *bâton*
MOVEMENT: Cal. K 1001/2, stamped with the Seal of Geneva quality mark, rhodium-plated, *Côtes de Genève* decoration, 18 jewels, straight-line lever escapement, Gyromax balance adjusted to heat, cold, isochronism and five positions, self-compensating free sprung flat balance spring
ACCESSORIES: Original fitted box, Certificate of Origin and Guarantee
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 20,000 – 30,000

LOT 243

MALTE DUAL-TIME REGULATOR

VACHERON & CONSTANTIN, GENEVE, "MALTE DUAL-TIME REGULATOR", REF. 42005G, MOVEMENT NO. 909009, CASE NO. 728740, MADE IN 2000

Very fine and rare, 18K white gold, self-winding, gentlemen's chronometer wristwatch with dual-time, date, and Vacheron & Constantin leather strap with 18K white gold Vacheron & Constantin buckle. Accompanied by original fitted box, leather pouch, *Bulletin de marche*, Certificate of Origin and Warranty, and instruction booklet.

Reference 42005 was launched in 2000 and ceased in 2005.

FUNCTIONS: Self-winding, dual-time, date, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 38 mm Ø, thickness 12 mm
CASE: Two-part, polished, sloped bezel, fluted lugs, pusher at 10 on the band for the second time-zone, corrector at 4 for the date, first hinged back and second transparent back, sapphire crystals
DIAL: Two-tone, silvered, matte, off-center hour dial with Roman and *bâton* indexes, outer minutes divisions, sunk *guilloché* subsidiary dial for the dual-time at 9, sunk subsidiary dial for the seconds combined with the date ring at 6, "Régulateur / Chronometer" inscribed on the dial
HANDS: White gold faceted *épée*
MOVEMENT: Cal. 1206, rhodium-plated, *Côtes de Genève* decoration, 31 jewels, straight-line lever escapement, monometallic balance adjusted to five positions, shock absorber, self-compensating flat balance-spring, 18K yellow gold rotor
ACCESSORIES: Original fitted box, leather pouch, *Bulletin de marche*, Certificate of Origin and Warranty and instruction booklet
CONDITION:
Case: Very good, slight scratches on the back
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 – 16,000





LOT 244

YELLOW GOLD "JUMPING HOURS"

FRANCK MULLER, "JUMPING HOURS", GENEVE, REF. 2852 HS, NO. 16, MADE IN THE 1990s
Very fine, tonneau shaped, 18K yellow gold, water resistant gentlemen's wristwatch with jumping hours, a Franck Muller leather strap and 18K yellow gold buckle. Accompanied by original fitted box and Certificate of Origin.

The Franck Muller Group was founded in 1992 by Vartan Sirmakes and by the watchmaker Franck Muller. In 1994-1995, the Group settled in Genthod near Geneva and established it as its headquarter. The site was named Watchland. The Franck Muller Group produces 43,000 watches every year. It's composed of nine different brands, 450 employees, 14 production sites primarily placed in the canton of Geneva and in the Jura and 36 boutiques in the world.

FUNCTIONS: Hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 31 mm, length 36 mm, thickness 11 mm
CASE: Two-piece, tonneau-shaped, curved, polished and brushed, rounded bezel, back secured with four screws, sapphire crystal
DIAL: Silvered, *flinqué* translucent lacquered sunburst, red Arabic numerals, outer minute track, aperture for the jumping hours at 12
HANDS: Blued steel double spade
MOVEMENT: 10 ½‴, cal. 7500, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance adjusted to five positions, shock absorber, self-compensating flat balance spring
ACCESSORIES: Original fitted box and Certificate of Origin
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 7,000 – 10,000

LOT 245

WORLD TIME CHRONOGRAPH

GIRARD-PERREGAUX, WWTC WORLD TIME CHRONOGRAPH, REF. 4980, NO. 360, MADE IN THE 2000s
Very fine, 18K white gold, world time, self-winding, water resistant gentlemen's chronograph wristwatch with square pump pushers, registers, date, a Girard-Perregaux leather strap and 18K white gold deployant buckle. Accompanied by original fitted box and instruction booklet.

FUNCTIONS: Chronograph, world time, date, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: 43 mm Ø, thickness 14 mm
CASE: Three-part, polished and brushed, rounded bezel, concave lugs, display back secured by six screws, with Girard-Perregaux leather strap and 18K white gold deployant clasp
DIAL: Off-white, with applied pink gold Arabic and luminous dot indexes, subsidiary dials for the seconds, 30-minute and 12-hour registers, outer off-white and brown rotating ring with painted Arabic numerals for 24 hours, outermost revolving disk with the names of 24 world cities, aperture for the date
HANDS: Stainless steel *feuille* with luminous inserts
MOVEMENT: Cal. 3387, rhodium-plated, *Côtes de Genève* and *oeil-de-perdrix* decoration, 63 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating flat balance spring, 21K gold rotor
ACCESSORIES: Original fitted box and instruction booklet
CONDITION:
Case: Excellent
Dial: Excellent
Hands: Excellent, original
Movement: Excellent
ESTIMATE: € 7,500 – 10,000





LOT 246
COSMOGRAPH DAYTONA DIAL
ROLEX, REF. 6240, 6263, 6265

Bicolor, black and silvered with stainless steel *bâton* indexes and luminous dots, subsidiary silver *guilloché* dials for the constant seconds, the 12-hour and 30-minute registers, outer minute/chronograph track

CONDITION:
Good condition
ESTIMATE: € 3,000 – 4,000



LOT 247
COSMOGRAPH DIAL
ROLEX, REF. 6240, 6263, 6265

Bicolor, black and silvered with stainless steel *bâton* indexes and luminous dots, subsidiary silver *guilloché* dials for the constant seconds, the 12-hour and 30-minute registers, outer minute/chronograph track

CONDITION:
Good condition
ESTIMATE: € 3,000 – 4,000

LOT 248
SO CALLED JAMES BOND SUBMARINER, REF.5508
ROLEX, OYSTER PERPETUAL, 100M=330FT, SUBMARINER, REF. 5508, CASE NO. 399961, MADE IN 1958
Very fine and rare, stainless steel, self-winding, center-seconds, water-resistant gentlemen's wristwatch with graduated rotating bezel
Several Submariner models are associated with the James Bond movies, one of the common features being the lack of protective "shoulders" on either side of the crown. The 6536 was introduced in 1956, and the 6536/1 was a variant having a cal. 1030 chronometer movement. Ref. 6536/1 became 5508 in 1958, the first of the 55xx series of reference models. The first versions of ref. 5508 had a gilt dial, which was replaced circa 1960. In 1962, the 5508 was replaced by reference 5513.
FUNCTIONS: Self-winding, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 37 mm Ø, thickness 13 mm
CASE: Two-piece, polished and brushed, graduated rotating bezel, curved down lugs, screw-down case back and crown, case back engraved with the Ref. 6582
DIAL: Brilliant, black with luminous round, *bâton* and triangle indexes, outer minutes/seconds track
HANDS: Steel and luminous Mercedes
MOVEMENT: Cal. 1530
CONDITION:
Case: Good condition, signs of wear
Dial: Good, slight patina
Hands: Good, signs of oxidization
Movement: Good condition
ESTIMATE: € 10,000 – 15,000





LOT 249

150TH ANNIVERSARY, OFFICER-STYLE, REF. 3960

PATEK PHILIPPE, GENÈVE, REF. 3960, MOVEMENT NO. 769158, MADE IN 1989 TO COMMEMORATE THE 150TH ANNIVERSARY OF PATEK PHILIPPE, SOLD ON DECEMBER 28, 1989

Very fine and rare, 18K yellow gold, water-resistant gentlemen's wristwatch with a Patek Philippe leather strap and Patek Philippe 18K yellow gold buckle. Accompanied by original fitted box, Certificate of Origin, a commemorative medal and booklets.

Ref. 3960 was launched in a limited edition to commemorate the 150th anniversary of Patek Philippe in 1989. A total of 2200 examples were produced, with 2000 in 18K yellow gold, 150 in 18K white gold and 50 examples in platinum.

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 33 mm Ø, thickness 8.2 mm
CASE: Three-part, polished, curved bezel, screw-bar lugs, hinged back and cuvette engraved to commemorate the 150th anniversary of Patek Philippe
DIAL: Porcelain-white, with painted black Breguet indexes, outer minutes track, subsidiary seconds
HANDS: Black Breguet
MOVEMENT: Cal. 215 PS, rhodium-plated, *Côtes de Genève* decoration, stamped with the Seal of Geneva quality mark, 18 jewels, straight-line lever escapement, Gyromax balance, adjusted to heat, cold, isochronism and five positions, shock absorber, self-compensating balance spring
ACCESSORIES: Original fitted box, Certificate of Origin, commemorative 150th anniversary medal and booklets
CONDITION:
Case: Almost mint (sealed strap)
Dial: Almost mint
Hands: Almost mint
Movement: Almost mint
ESTIMATE: € 18,000 – 23,000







LOT 250

SUBMARINER, REF. 5514 GAS ESCAPE VALVE

ROLEX, OYSTER PERPETUAL, SUBMARINER, 660FT=200M, REF. 5514, CASE NO. 5293922, MADE IN 1977
Very rare, stainless steel, self-winding, water-resistant, center-seconds, diver's wristwatch with decompression bezel and Gas Escape Valve, stainless steel Rolex bracelet with deployant clasp

FUNCTIONS: Self-winding, decompression valve, hours, minutes, center seconds
SIGNED: Dial, case, movement
DIMENSIONS: 39 mm Ø, thickness 14 mm
CASE: Three-piece, polished and brushed, revolving black time-elapsed bezel with graduations for monitoring decompression, Gas Escape Valve on side at 9, screw-down back and Triplock crown with protective shoulders, back engraved with the reference 5513
BRACELET: Stainless steel Rolex bracelet with deployant clasp
DIAL: Black, brilliant, Tritium and white dot, *bâton* and triangle indexes, outer minute track
HANDS: Stainless steel and Tritium Mercedes
MOVEMENT: Cal. 1520, rhodium-plated, *Côtes de Genève* decoration, 26 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating blued flat balance spring
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 16,000 – 20,000


50
40
30
20
SUBMARINER



LOT 251

YELLOW GOLD AUTOMATIC CHRONOGRAPH

AUDEMARS PIGUET, AUTOMATIC CHRONOGRAPH, CASE NO. C 60805, MOVEMENT NO. 325288, MADE IN THE 1980s
Very fine , 18K yellow gold, self-winding, water resistant gentlemen's chronograph wristwatch with round pushers, 12-hour and 30-minute registers, tachometer, date, leather strap and 18K yellow gold Audemars Piguet deployant clasp

FUNCTIONS: Self-winding, chronograph, tachometer, 12-hour and 30-minute registers, date, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 40 mm Ø, thickness 11 mm
CASE: Three-piece, circular, polished and brushed, sapphire crystal, stepped bezel, curved down lugs, snap-on back
DIAL: White with applied yellow gold square indexes, outer minute/second track combined with the tachometer scale to 500 uph, subsidiary sunk dials for the 12-hour register at 6, the 30-minute register at 9 and the small seconds at 12, aperture for the date at 3
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. 2126, rhodium-plated, *Côtes de Genève* decoration, 51 jewels, straight-line lever escapement, monometallic balance adjusted to heat, cold, isochronism and five positions, shock absorber, self-compensating flat balance spring, micrometric regulator, 21K gold rotor segment
CONDITION:
Case: Very good, minimal wear signs Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 5,000 – 7,000

LOT 252

YELLOW GOLD CHRONOGRAPH *A RATTRAPANTE*

BLANCPAIN, CHRONOGRAPH *A RATTRAPANTE*, REF. 1186-1418-58, NO. 79, MADE CIRCA 1989, SOLD ON APRIL 11, 1990
Very fine and rare, 18K yellow gold, self-winding, water resistant gentlemen's chronograph wristwatch with round pushers, split-seconds, date, 30-minute and 12-hour registers, 40-hour power reserve, a Blancpain leather strap and 18K yellow gold buckle. Accompanied by original fitted box and Guarantee.

FUNCTIONS: Self-winding, split-seconds chronograph, 30-minute and 12-hour registers, date, hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 12 mm
CASE: Three-piece, polished and brushed, stepped bezel, pusher at 10 for start and return to zero of the split-second, curved down lugs, snap-on back
DIAL: White with applied yellow gold Roman numerals, outer minute/second divisions, subsidiary dials for the small seconds, 30-minute and 12-hour registers, aperture for the date at 6
HANDS: Yellow gold and luminous *bâton*
MOVEMENT: Cal. 1186, rhodium-plated, *Côtes de Genève* decoration, 38 jewels, straight-line lever escapement, monometallic balance adjusted to five positions, shock-absorber, self-compensating flat balance spring
ACCESSORIES: Original fitted box and Guarantee
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 6,000 – 9,000





LOT 253

YELLOW GOLD REF. 3590 "*CLOUS DE PARIS*"

PATEK PHILIPPE, GENEVE, REF. 3590, MOVEMENT NO. 1281263, CASE NO. 2714881, MADE IN THE 1980s
Very fine and rare, extra-thin, 18K yellow gold, self-winding gentlemen's wristwatch with *Clous-de-Paris* bezel, a Patek Philippe leather strap and 18K yellow gold deployant clasp

FUNCTIONS: Self-winding, hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: 35 mm Ø, thickness 7 mm
CASE: Three-piece, circular, polished and brushed, bezel with *Clous-de-Paris* patterns, faceted lugs, snap-on back
DIAL: Gold, matte, with painted black Roman numerals
HANDS: Black *bâton*
MOVEMENT: Cal. 28-255, rhodium-plated, *Côtes de Genève* decoration, 36 jewels, straight-line lever escapement, Gyromax balance adjusted to heat, cold, isochronisms and five positions, self-compensating free-sprung flat balance spring, 21K gold rotor segment
CONDITION:
Case: Very good
Dial: Very good
Hands: Good, slightly scratched
Movement: Very good
ESTIMATE: € 4,000 – 6,000

LOT 254

QUEEN MIDAS, REF. 3581

ROLEX, GENÈVE, QUEEN MIDAS, REF. 3581, NO. 757, CASE NO. 4001428, MADE IN THE 1970S
Very fine, asymmetric, 18K massive yellow gold ladies' wristwatch with integrated Rolex bracelet and Rolex Queen Midas deployant clasp

FUNCTIONS: Hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 24 mm, thickness 5 mm
CASE: Two-part, brushed, asymmetric, flat bezel, "QUEEN MIDAS" inscribed on crown guard, screw-down back
BRACELET: Rolex integrated with Queen Midas deployant clasp
DIAL: Gold, with Rolex logo
HANDS: White gold *bâton*
MOVEMENT: Cal. 650, rhodium-plated, 18 jewels, straight-line lever escapement, monometallic balance, adjusted to five positions, shock absorber, self-compensating flat balance spring
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 – 3,000







LOT 255

BOTTA & RIBOTTA

SIGNED M.G.B., ROME, DATED 1745

Very rare, brass, single-hand, weight-driven, hour-striking, short pendulum lantern clock with six-hour dial and hour re-strike

The clock has a rare feature of re-striking the hours at the full hour, emphasizing that it is the full hour.

FUNCTIONS: Striking, hours, re-striking
SIGNED: Over the dial
DIMENSIONS: Height 38 cm, width 18 cm, depth 17 cm
CASE: Brass, open, four finials, large bell at the top surmounted by a matching finial, four bun feet
DIAL: Brass, Roman hours, tree-form half-hours, inner quarter-hour divisions
HAND: Iron, elaborate
MOVEMENT: Four-pillar cage with two-tier train mounted between narrow brass plates, square pillars, brass wheels with navette cut-outs (3 spokes), four-wheel going train, verge escapement with pendulum, six-hour count wheel with double steps in the back, lifting from the large first wheel
CONDITION:
Case: Very good
Dial: Very good
Hand: Very good, custom made later
Movement: Very good
ESTIMATE: € 2,500 - 3,500

LOT 256

DIRO A TURIN, CIRCA 1740
Very rare, iron, single-hand, short pendulum wall clock with alarm

Until this clock surfaced, Diro from Turin had been known only from the remnants of a movement with time only that has survived.

FUNCTIONS: Alarm hours
SIGNED: Dial at 6
DIMENSIONS: Height 23 cm, width 14 cm, depth 10 cm
CASE: Iron, rectangular, hinged side panels, back with a loop to hang and two bolts to support
DIAL: Painted on iron plate with a head at the top, scrolling at the arch, brass Roman hour ring with inner quarter-hour divisions, center with revolving alarm disk with Arabic hours
HANDS: Iron ranseur
MOVEMENT: Four-pillar cage with two-tier train mounted between narrow iron plates, square pillars, brass wheels, wheels with navette cut-outs (3 spokes), four-wheel going train, verge escapement with pendulum, verge-type alarm
CONDITION:
Case: Very good
Dial: Very good, age paint cracks
Hand: Very good
Movement: Very good
ESTIMATE: € 2,500 - 3,500

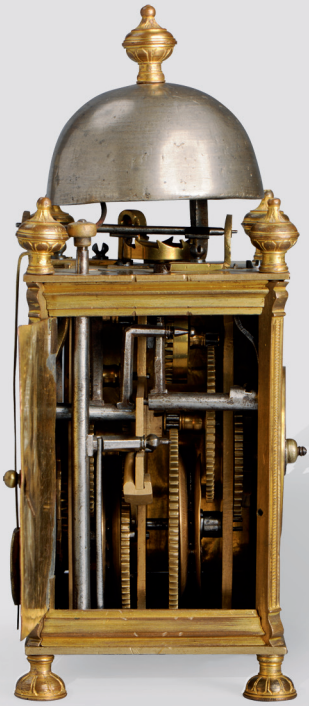





CAMERINI







LOT 257

CAMERINI, CENTRAL ITALY, MADE FOR A NOBLE FAMILY CIRCA 1650
Very rare, small, gilt brass, weight-driven, single-hand, Italian six-hour striking lantern clock

Camerini was a remarkable clockmaker, a friend of Galileo Galilei, who was the first to apply Galileo's escapement idea. He was also the first to make module clocks; a client, based on his/her budget could order a simple going clock, then have an alarm and/or striking added, all on a modular system. He was also the first to employ a silent escapement for clocks and he was one of the first to use lantern type pinions with a hypercycloidal addenda. As on most of the Italian clocks of this period, the clock produces one to six strikes four times per day.

There are a number of Camerini's lantern clocks known, most with iron pillars and far less decorative than this one. A clock similar to this one, which for years has been considered one of Camerini's best lantern clocks, is in the Science Museum in London.

FUNCTIONS: Hour striking, hours
SIGNED: On the dial plate
DIMENSIONS: Height 18 cm, base 6.5 x 6.5 cm
CASE: On four columns, side panels engraved with two coats of arms, copper plate back, four turned finials, large bell at the top, four gilt brass feet
DIAL: Silver ring with engraved 12 Roman hours, attached to gilt plate engraved with armorial signs found on the side panels and crest with initials "A.I.C."
HANDS: Blued steel arrow
MOVEMENT: Two-tier mounted between heavy brass straps (2.55 mm), with special unusual brackets for the striking levers, wheels with navette cut-outs (3 spokes) and narrow teeth, four-wheel going train, verge escapement with short pendulum
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good, now with pendulum
ESTIMATE: € 22,000 - 28,000



LOT 258
ROME, CIRCA 1760
Fine and interesting, burr wood, 24-hour going, *grande sonnerie*, quarter-striking wall clock

The clock is of an unusual construction in which the quarter striking and the going train are driven from the same barrel. In addition, the clock has the strike/silence mechanism based on a rarely seen mechanism in which the striking/silent lever lifts or releases the wheel with lifting pins.

FUNCTIONS: Hour and quarter striking, hours, minutes, striking/silent
DIMENSIONS: Height 76 cm, width 27 cm
CASE: Burr wood, molded bracket-like base, matching top surmounted by a gilt brass eagle, glazed sides, hinged and glazed front door, back with hinged door
DIAL: Silvered ring, *champlevé* Roman hours with *fleur-de-lis* half-hour markers, outer minutes divisions with five-minute Arabic markers, mounted on a gilt plate engraved with scrolls, false pendulum aperture below 12, winding aperture at 4 for going train and the quarter striking, at 8 for the hour striking, striking/silent lever at 3
HANDS: Blued steel spade
MOVEMENT: Rectangular, 16.5 x 16 cm, brass, turned baluster pillars, going barrels, going train and the quarter striking on one, hour striking on the other, verge escapement, brass-rod pendulum with tear-drop bob
CONDITION:
Case: Good, veneering cracked at the top Dial: Very good
Hands: Very good Movement: Very good, would benefit from cleaning
ESTIMATE: € 2,000 - 4,000

LOT 259
NICOLAUS MAGRI, PALERMO, SICILY, FECIT, CIRCA 1720
Fine and rare, tortoise shell covered and ormolu, 24-hours going, quarter and hour striking on six-hour base, trapezoidal bracket clock with quarter repeating

The clock is of very unusual construction in terms of the striking – both the quarters and the hours are struck from the same power source. Furthermore, the change from the hour striking to quarter striking is most unorthodox – the hammer is pivoted on one side while the other pivot runs freely in a rectangular slot. By default, due to the weight of the hammer, the loose pivot stays at the bottom of the slot and the hammer is over the hour bell. When the quarters are struck, the end of the quarter rack lifts the loose hammer's pivot, shifting the hammer over the hour bell. The system is unheard of outside Italy, and even in Italy it is primarily restricted to Sicily, although, sometimes, as here, one can find the system in Naples. It is remarkably simple, while at the same time being very reliable. The only reason that it has not been used by the western European clockmakers must be the fact that it was restricted to Italy and not seen outside of it. The French did the same, using a single power source and a single hammer for the quarters and the hours, but their system is much more complicated, with the end result being exactly the same.

The clock was seen by Morpurgo, who noted it in his dictionary.

PUBLISHED IN: *Dizionario degli orologiai Italiani* by Enrico Morpurgo, Milan, 1974, p. 106

FUNCTIONS: Striking hours and quarters, quarter repeating, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 49 cm, base width: front 30 cm, back 35 cm
CASE: Trapezoid cross-section, molded base on four ormolu bell feet, inverted bell top with gilt bronze floral frets, gilt bronze handle, gilt bronze finials, glazed side panels, hinged and glazed front and back doors
DIAL: Brass ring with *champlevé* Roman hours, outer minutes track with five-minute Arabic markers, gilt brass engraved center, four gilt spandrel in each corner
HANDS: Steel, ornate hour, spade minute
MOVEMENT: Rectangular, 15 x 11 cm, going barrels, verge escapement, brass-rod pendulum with barrel, unusual tilting-hammer system of striking (see note)
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 12,000 - 16,000





LOT 260

OFFICER'S CLOCK

LE ROI ET FILS, NEUCHÂTEL AREA, CIRCA 1795

Very fine, gilt bronze, 24-hours going, *Grande Sonnerie Pendule d'Officiers* with quarter repeating and alarm

According to a legend, General Bonaparte advised his senior officers to use a portable clock during all their travels in order to never be late to staff meetings. The term *Pendule d'Officiers* or Officer's Clock is generally used for a very specific form of transportable, very decorative clocks produced a few years before the Revolution. Napoleon himself purchased at least one, on May 19, 1798.

FUNCTIONS: *Grande sonnerie* striking, quarter-repeating, alarm, hours, minutes
SIGNED: Dial **DIMENSIONS:** Height 24 cm, base 12.5 x 8.4 cm
CASE: Gilt bronze, with paw feet, bezel decorated with acanthus leaves, the pediment and side panels with applied foliage decoration, swan-neck handle, to the right alarm activation cord, to the left repeater activation cord, base with striking/silence lever
DIAL: White enamel, Breguet hours, outer minutes track
HANDS: Blued steel Breguet derivative
MOVEMENT: Circular 120 mm, gilt brass with cylindrical pillars, reversed fusee and chain, verge escapement, three-arm brass balance, flat balance spring, five-arm cock, striking and repeating of Neuchâtel type on two bells with the striking and repeating works fitted on the back plate, cord released for repeating at will, pull wound alarm
CONDITION: Case: Very good, slight wear to the gilding
Dial: Very good, slight chip at the winding aperture
Hands: Very good Movement: Very good
ESTIMATE: € 8,500 - 12,000

LOT 261

ROBERT, LA CHAUX-DE-FONDS, CIRCA 1820

Fine, blackened hardwood and gilt bronze, hour and quarter striking (*petite sonnerie*), eight-day going, table clock with alarm

The firm was established as JOSUE ROBERT & FILS by Josue Robert (1691-1771) and became the most important clock company in that part of the country. As a young man he was alone. There is a clock by him from circa 1725 which implies that he was appointed Clockmaker to the King of Prussia and to the Court. The firm later included Josue's son David (1719-1769), son Louis Benjamin (1732-1781), grandson Aime (1758-1854), and Jean Pierre Robert, an associate.

FUNCTIONS: Quarter and hour striking, alarm, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 34 cm, width 19 cm, depth 11 cm
CASE: Rectangular with extended base, with hinged back door, hinged ormolu engine-turned bezel, gilt bronze bun feet, cord from the left panel for alarm
DIAL: White enamel, slightly convex, with Breguet hours, outer minutes divisions, winding apertures for going and striking trains
HANDS: Blued steel Breguet
MOVEMENT: Circular, 110 mm, going barrels, anchor escapement, pendulum with brass bob, silk suspension, striking on two gongs with the mechanisms mounted on the back plate, pull wind alarm striking on its own bell
CONDITION:
Case: Very good Dial: Very good, minimal scratches
Hands: Very good Movement: Very good
ESTIMATE: € 3,500 - 4,500





LOT 262

CASPAR HARTMAN, VIENNA, CIRCA 1850
Very fine, wood and ormolu, 24-hours going, quarter-striking travelling clock in original fitted leather box

It is rare to find one of these in its original fitted box.

FUNCTIONS: Hour and quarter striking, hours, minutes
SIGNED: Dial
DIMENSIONS: Height 24 cm (with handle), width 13 cm
CASE: Rectangular, single piece of blackened hardwood, each corner with gilt brass plaques with grape motifs, top with large ormolu swan-neck handle, center of the clock with hinged gilt brass bezel in acanthus leaf pattern
DIAL: White enamel ring with Breguet hours and outer minutes track set on a gilt brass engine-turned plate with winding aperture, back with silvered plate and regulator plate
HANDS: Blued steel spade
MOVEMENT: Round, brass fixed barrels, verge escapement, three-arm brass balance with blued steel flat balance spring
ACCESSORIES: Original fitted leather box
CONDITION:
Case: Very good, some wear to the black
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 - 4,000

LOT 263

TORSION PENDULUM

C. GRIVOLAS & CIE, NO. 57348, RETAILED BY E. MATHIEU, PALAIS ROYAL, PARIS, CIRCA 1910
Fine, gilt brass and glass, 400-day duration, torsion pendulum clock

Grivolas was very innovative clockmaker. His 400-day clocks earned him First Prize at the 1910 Universal Exposition in Brussels. The clock, made on purely mechanical principles, runs silently for 400 days. This is because the escapement is almost noiseless.

SIGNED: Dial
DIMENSIONS: Height 28 cm, width 17 cm
CASE: Molded base, smooth gilt brass frame for glass at each side, gilt brass polished top
DIAL: White enamel, Arabic hours, outer dot minutes divisions
HANDS: Gilt *fleur-de-lis*
MOVEMENT: Rectangular, brass, No. 57348, going barrel, rest anchor escapement with circular pallets, torsion pendulum with micrometric adjustment on the disk
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,000 - 1,500





LOT 264

"SPECIAL DIAL"

RICHARD COLSTON, LONDON, NO. 639, MADE FOR DANIEL LIONEL, CIRCA 1720

Extremely rare, early, silver pair-cased watch with personalized dial

Watches with owner's names on the dial for the numbers became popular in the 19th century. To find one on an 18th century watch is very rare, on such an early one in particular.

MAKER'S BIOGRAPHY: Richard Colston was a son of the well established watchmaker, John Colston. Richard was freed in July 1682 by patrimony. He made several clocks and watches. The Victoria and Albert Museum has a watch similar to ours with pique tortoiseshell outer case, and the Metropolitan Museum of Art has an interesting Colston watch with digital hours.

FUNCTIONS: Hours and minutes **SIGNED:** Dial and movement

DIMENSIONS: *Outer* 54 mm Ø, *inner* 46 mm Ø

CASE: *Outer*: Two-part, back engraved in a circle with a wreath, unusual geometrical pattern inside. *Inner*: Two-part, *bassine* with deep back, polished

DIAL: Silver, with *champlevé* letters forming the name "DANIEL LIONEL" which represents the "hours", outer minutes track with five-minute Arabic markers, center with crest and signature

HANDS: Blued steel beetle and poker

MOVEMENT: 38 mm, frosted gilt full-plate with Egyptian pillars, fusee and chain, endless screw mainspring set-up, verge escapement, three-arm steel balance with flat balance spring, single-footed cock

CONDITION: Case: Very good, expected wear Dial: Very good
Hands: Very good, most of the blueing is off
Movement: Very good

ESTIMATE: € 2,000 - 3,000

LOT 265

"SPECIAL DIAL"

FREDERICK DENT, 61 STRAND, LONDON, CIRCA 1853

Very rare, interesting and unusual, silver, center-seconds pocket stop watch with six-hour dial

This is the only watch like this known.

MAKERS BIOGRAPHY: Quoting Anthony Randall: "Dent was undoubtedly fortunate in securing the services of his future stepson, Frederick William Rippon (later Frederick Dent) , who carried out many of the experiments relating to improvements in chronometers, exploited by Arnold and Dent, and later by Dent alone. He was also largely instrumental in the successful outcome of Dent's enterprise to build the movement of the great clock at Westminster, Big Ben.

PUBLISHED IN: Vaudrey Mercer, *The Life and Letters of Edward John Dent Chronometer Maker and some account of his Successors*. Antiquarian Horological Society, London, 1977, pl. 139

FUNCTIONS: Hours, minutes, center seconds

SIGNED: Dial, case 'DLR 6547' and Neuchâtel's guarantee mark

DIMENSIONS: 56.6 mm Ø

CASE: Two-part, Empire, polished, stop/go lever at 5

DIAL: White enamel, eccentric hours and minutes with Roman hours from 0 to V, an outer minutes track, outermost Roman 0 to V with seconds track, winding aperture

HANDS: Gold intertwined serpentine

MOVEMENT: 47 mm, frosted gilt full-plate with cylindrical pillars, fusee and chain, verge escapement brass balance with flat balance spring, continental cock, stop lever at 5

CONDITION:
Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent, would benefit from cleaning

ESTIMATE: € 1,500 - 2,500





LOT 266

"RACK LEVER ESCAPEMENT"

PETER LITHERLAND & CO, LIVERPOOL, NO. 766, CIRCA 1800
Good example of a rack lever escapement in a gilt brass pair case

The watch is based on Peter Litherland's English patent, No. 1889, of December 6, 1792, for a form of pirouette lever escapement. The term pirouette comes from Huygens, who was the first to use it. In a pirouette the balance makes several revolutions during a single impulse. This allows for a long period and consequently for dead-beat seconds. Litherland combined the lever escapement with the pirouette idea.

FUNCTIONS: Hours and minutes
SIGNED: Back plate
DIMENSIONS: Outer 57 mm Ø, inner 48 mm Ø
CASE: *Outer*: two-part, polished. *Inner*: two-part, *bassine*, polished
DIAL: White enamel, Arabic hours, outer minutes divisions
HANDS: Gold arrow
MOVEMENT: 42 mm, frosted gilt, full plate, turned baluster pillars, fusee and chain, rack lever escapement, three-arm steel balance with undersprung blued steel balance spring, fork with jeweled pallets, staff jeweled with diamond endstone
CONDITION:
Case: Good, gilt worn especially on the outer case
Dial: Good with chip at 5 at the edge
Hands: Very good
Movement: Very good
ESTIMATE: € 1,000 - 1,500

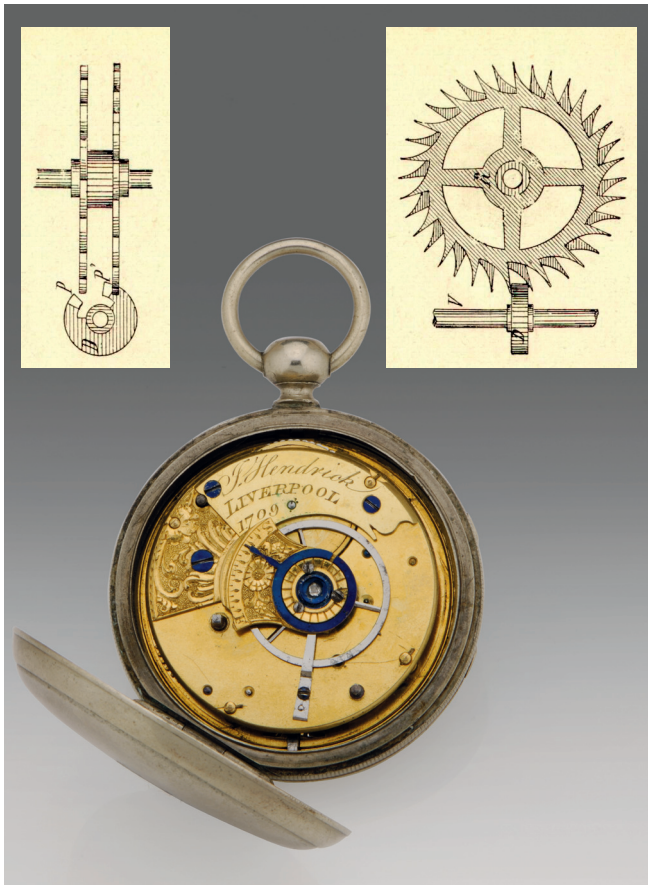
LOT 267

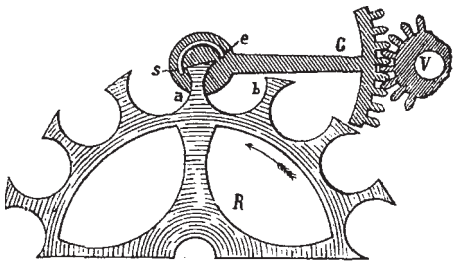
DEBAUFRE ESCAPEMENT

J. HENDRICK, LIVERPOOL, NO. 1709, CIRCA 1820
Interesting and rare example of a Debaufre escapement movement

In 1700 Pierre Debaufre invented a new verge-like escapement in which the crown escape wheel was abandoned in favor of a double wheel acting on two pallets set on the balance staff. It has been called "flying staff" because the pallets look like wings. It was the first frictional rest escapement for watches. In this watch the pallets are very small and very close to the staff.

FUNCTIONS: Hours and minutes
SIGNED: Back plate
DIMENSIONS: 54 mm Ø
CASE: Three-part
DIAL: White enamel, Roman hours, outer minutes divisions
HANDS: Gold "spoon"
MOVEMENT: 45 mm, fire gilded, full plate, turned baluster pillars, fusee and chain with Harrison's maintaining power, Debaufre escapement with steel escape wheels, three-arm steel balance oversprung with blued steel flat balance spring, staff jeweled with diamond endstone
CONDITION:
Case: Re-cased, although good
Dial: Excellent
Hands: Excellent
Movement: Excellent
ESTIMATE: € 2,000 - 3,000







LOT 268

PIROUETTE ESCAPEMENT

GUIOT, PARIS, NO. 662, CIRCA 1795
Very rare, silver, center dead-seconds pocket watch with pirouette escapement

The term pirouette comes from Huygens who was the first to use it. In a pirouette the balance makes several revolutions during a single impulse. This allows for a long period and consequently for dead-beat seconds as in this watch. This watch is of the cylinder form with a large brass escape wheel. The train consists of six wheels (including fusee), the escape wheel planted in the center of the watch is the fourth and acts on a cylinder staff of the fifth wheel which gears with the pinion of the last wheel - the balance.
FUNCTIONS: Dead center seconds, hours, minutes
SIGNED: Movement
DIMENSIONS: 54 mm Ø
CASE: Three-part, polished with reeded band
DIAL: White enamel, small Roman hours and minutes in the lower part, outermost dead seconds divisions
HANDS: Gold spade
MOVEMENT: 45 mm, frosted gilt, full plate, turned pillars, fusee and chain, cylinder pirouette escapement with un-sprung three-arm brass balance (see also the note)
CONDITION:
Case: Very good
Dial: Very good, barely visible hairline
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 - 4,000

LOT 269

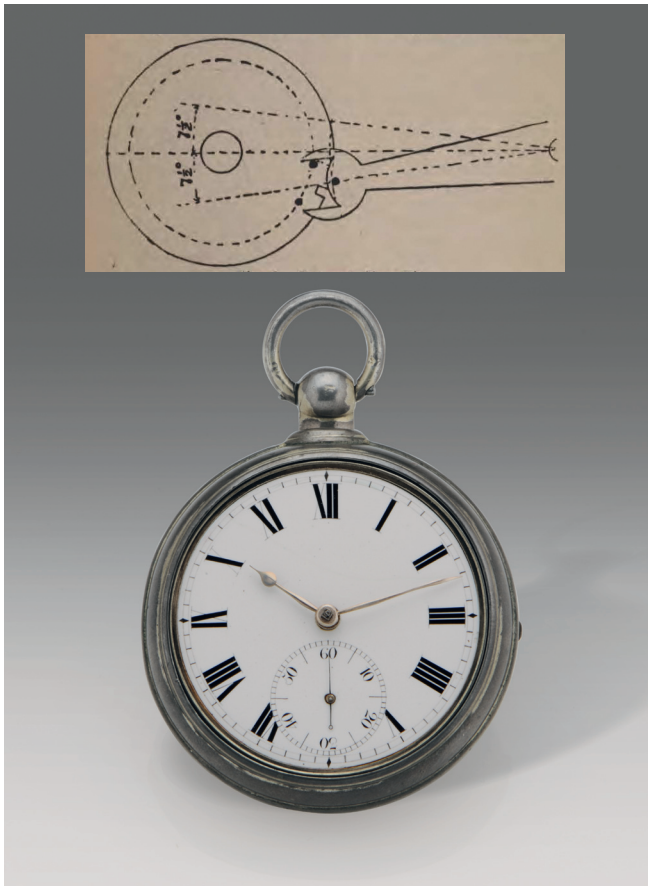
DEBAUFRE ESCAPEMENT

SWISS JURA, DIAL SIGNED GREGSON, PARIS, CIRCA 1800
Very rare, silver pocket watch with Debaufre escapement

In 1700 Pierre Debaufre invented a new verge-like escapement in which the crown escape wheel was abandoned in favor of a double wheel acting on two pallets set on the balance staff. It has been called "flying staff" because the pallets look like wings. It was the first frictional rest escapement for watches.

FUNCTIONS: Hours and minutes
SIGNED: Case with Neuchâtel area marks
DIMENSIONS: 52 mm Ø
CASE: Two-part, Louis XVI, polished with edges engraved with fine zig-zag pattern
DIAL: White enamel, Arabic hours, outer dot minutes divisions, winding aperture at 2 o'clock
HANDS: Gold "Sun"
MOVEMENT: 43 mm, hinged, frosted gilt full plate, fusee and chain, Debaufre escapement with brass escape wheel, three-arm brass balance with blued steel undersprung balance spring, steel plate endpiece
CONDITION:
Case: Good, small wear, couple small dents
Dial: Excellent
Hands: Very good
Movement: Very good
ESTIMATE: € 3,000 - 4,000





LOT 270

TWO-PIN LEVER ESCAPEMENT

WILLIAM WILSON, SOUTHAMPTON STRAND ST, LONDON, NO 1056, WITH LONDON HALLMARKS FOR 1813-14

An unusual silver pair-cased pocket watch with derivative of the Savage two-pin lever escapement with stop feature

This watch is fitted with a derivative from the Savage two-pin escapement. In this escapement, invented circa 1815 and used by few makers until late in the 19th century, the unlocking is performed by two pins on the balance roller and the impulse is delivered by what would normally be the guard, or safety pin, in a conventional English lever escapement. In our watch the unlocking is done by a Savage two-pin arrangement while the impulse to the balance is given by a roller jewel mounted on a large single roller table.

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Movement **DIMENSIONS:** 57 mm Ø
CASE: *Outer*: two-part, polished; *Inner*: two-part, *bassine*, polished
DIAL: White enamel, Roman hours, outer minutes track, subsidiary seconds **HANDS:** Gold spade
MOVEMENT: 44 mm, hinge via the dial plate, fire gilded, full-plate with turned pillars, fusee and chain with Harrison's maintaining power, Savage-type lever escapement, three-arm steel balance with oversprung blued steel flat balance spring, pallets jeweled, ruby roller pin, staff jeweled with diamond endstone, single-footed cock, gilt brass dust cap
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,500 - 2,500

LOT 271

"EARLY HUNTING CASE"

VULLIAMY, LONDON, NO."urs", LONDON HALLMARKS FOR 1792-93

Very fine and very rare, an early example of a hunting-cased pocket watch with early English-type cylinder escapement from the letter serial number series.

Hunting cases of such an early period are very rare. This one is an excellent example of the struggle of the early casemakers to produce one. The casemaker, Valentine Walker, used a single hinge for both covers which did not leave much space for the movement. This is seen by the fact that the movement with the dust cap does not have enough room to fit in the case, thus the movement itself had to swing first and the cap attached from the back later.

FUNCTIONS: Hours and minutes **SIGNED:** Movement
DIMENSIONS: 49 mm Ø
CASE: Three-part of special construction by VW (Valentine Walker), both covers on the same hinge, spring-loaded front, polished
DIAL: White enamel, Roman hours, outer minutes track
HANDS: Gold spade
MOVEMENT: 42 mm, hinged via dial plate, frosted gilt full-plate with cylindrical pillars, fusee and chain, cylinder escapement with overbanking pin on the staff, bronze escape wheel, three-arm steel balance with undersprung flat balance spring, staff jeweled with diamond endstone, single-footed pierced and engraved cock, gilt brass dust cap
CONDITION:
Case: Very good, worn on back Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 1,000 - 2,000





LOT 272

OBSERVATORY CONTEST

ULYSSE NARDIN, LE LOCLE, SUISSE, NO. 124021, CIRCA 1943
Very fine, silver, keyless, center-seconds pocket watch with Guillaume balance destined for Neuchâtel Observatory Contest

These were the highest quality pocket watches Ulysse Nardin produced. Dr. Charles Edouard Guillaume, a Nobel Prize recipient, around 1900 made up his mind to eliminate the so-called Middle Temperature Error. Countless attempts had been made before Guillaume's time to eliminate Middle Temperature Error. Most of them were by means of auxiliary compensation devices.
In 1899, Guillaume noted that steel with an addition of 44.4% nickel had a negative square coefficient of thermal expansion. He named the new alloy Anibal (*Acier au Nickel pour balanciers*). When combined with special balance springs, they exhibit remarkable temperature stability, on occasion not exceeding 1/50 second per day at 1ºC.
FUNCTIONS: Hours, minutes, center seconds
SIGNED: Dial, case, movement **DIMENSIONS:** 56 mm Ø
CASE: Three-part, Empire, screw-in back with reeded edge
DIAL: White enamel, Roman hours, outer minutes divisions, outermost seconds track divided into fifths
HANDS: Blued steel spade
MOVEMENT: 48 mm, frosted gilt, 19 jewels, anibal-brass Guillaume balance with gold temperature and mean-time timing screws, blued steel special balance spring with terminal curves, micrometric regulator
CONDITION: Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent
ESTIMATE: € 2,500 - 3,500

LOT 273

YELLOW GOLD REF. 2795

ROLEX, REF. 2795, NO. 1007428, "ESPECIALLY ACCURATE", CIRCA 1936
Fine, 18K yellow gold, keyless gentlemen's "ultra thin" dress pocket watch

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 44 mm Ø , thickness 7.3 mm
CASE: Three-part, extended band, polished
DIAL: Two-tone silver, applied gold Arabic hours and gold indexes, outer minutes divisions, subsidiary seconds
HANDS: Gold *feuille*
MOVEMENT: 36 mm, rhodium-plated, 19 jewels, straight-line lever escapement, monometallic balance with screws, self-compensating flat balance spring
CONDITION:
Case: Very good
Dial: Very good, some oxidation under the bezel
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 - 3,000





LOT 274

ROLEX, REF. 3612, CASE NO. 55129, CIRCA 1970
Very fine, 21.6K yellow gold, keyless gentlemen's dress pocket watch inserted into a 1904 US $20 Double Eagle gold coin
Rolex began making coin watches in a very small series during the 1960s, shortly after a special caliber, PI 9P, was launched, revolutionizing post-WWII slim watchmaking. It was presented at the 1957 Basel Fair and caused a sensation. It was just 0.13 mm thicker than the LeCoultre and Audemars Piguet Calibre 2003, which had ruled the world of slim watches since its launching in 1946, and it was less expensive. Soon after, early in the 1960s, Patek Philippe developed their own slim Calibre 175, which curiously had many parts interchangable with the 9P, including the complete balance. Rolex used the PI 9N for the first time in early 1960 for their Ref. 3578, a coin watch utilizing the Mexican 20 Pesos coin. The casing was entrusted to Guyot, who made coin watches for Patek Philippe.
FUNCTIONS: Hours, minutes **SIGNED:** Dial, case, movement
DIMENSIONS: 35 mm Ø
CASE: Two-part, $20 gold coin, concealed pushbutton on the edge by the back of the head
DIAL: Champagne, with black Arabic and *bâton* indexes
HANDS: Blued steel *bâton*
MOVEMENT: 20 mm, cal. 650, rhodium-plated, straight-line lever escapement, bimetallic compensation balance with blued steel flat balance spring
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good, would benefit from cleaning
ESTIMATE: € 4,000 – 6,000

LOT 275

ANTIMAGNETIQUE

OMEGA, ANTIMAGNETIQUE, NO. 3631205, CIRCA 1910
Fine, 18K yellow gold, keyless, antimagnetic chronograph pocket watch 30-minute register
FUNCTIONS: Chronograph, hours, minutes, small seconds
SIGNED: Dial and case, movement numbered
DIMENSIONS: 52 mm Ø
CASE: Four-part, *bassine*, back engraved with a monogram, gold hinged cuvette
DIAL: White enamel, Arabic hours, outer minutes divisions, outermost chronograph track divided into fifths, 30-minute register at 12, sunk subsidiary seconds at 6
HANDS: Gold spade
MOVEMENT: 40 mm, frosted gilt, ¾-plate, 18 jewels, straight-line lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, palladium Breguet balance spring
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 2,000 - 2,800





LOT 276

UNUSUAL STRIKING MECHANISM

ANTONINUS MUSTICA REFECIT, PALERMO, SICILY, CIRCA 1770
Very rare and unusual, rosewood and ormolu, 24-hours going, quarter striking on six-hour base, table clock with alarm and unusual striking mechanism

From the signature "Refecit" it appears that the maker made the clock and later remade it, probably due to the new idea that he conceived.

The clock is of very unusual construction in terms of the striking – both quarters and the hours are struck from the same power source. Furthermore, the change from the hour striking to quarter striking is most unorthodox – the hammer is pivoted on one side while the other pivot runs freely in a rectangular slot.

By default, due to the effect of gravity on the hammer, the loose pivot stays at the bottom of the slot and the hammer is over the hour bell. When the quarters are struck, the end of the quarter rack lifts the loose hammer's pivot shifting the hammer over the hour bell. The system is unheard of outside Italy, and even in Italy it is primarily restricted to Sicily, although, sometimes, as here, one can find the system in Naples. It is remarkably simple, while at the same time being very reliable.

The only reason that it has not been used by the western European clockmakers must be the fact that it was restricted to Italy and not seen outside of it. The French did the same, using a single power source and a single hammer for the quarters and the hours, but theirs system is much more complicated, with the end result being exactly the same.

MAKER'S BIOGRAPHY: Mustica was well known clockmaking family in Palermo, Sicily; Cristoforo, Marco, and Giuseppe were clockmakers spreading over the entire 18th century. Antonio must be from the same family, clearly an experienced master working along the lines of the Sicilian clockmaking, so different and so unique just to this region.

FUNCTIONS: Hour and quarter striking, hours, minutes
SIGNED: Below the dial
DIMENSIONS: Height 70 cm, base width 40 cm
CASE: Rosewood veneered with concave sides on ormolu extended feet, top and based with ormolu *rocaille* appliqués, rosewood and gilt brass tile floor, gilt brass eagle at the top, hinged door in the back revealing the movement
DIAL: White enamel, convex on the outside, concave inside, Roman hours, outer minutes divisions with five-minute Arabic markers, winding apertures at 2 (alarm), 4 (going train), and 8 (striking)
HANDS: Gilt brass Louis XV
MOVEMENT: Rectangular, 12 x 11 cm, going barrels, verge escapement, bronze-rod pendulum with brass bob, quarter and hour striking from a single power source, with a very unusual form of quarter and hour striking (see note)
CONDITION:
Case: Very good, expected wear to the gilt
Dial: Very good, few barely visible hairlines, two small edge chips
Hands: Very good, expected wear to the gilt
Movement: Very good, would benefit from cleaning
ESTIMATE: € 4,000 - 6,000



LOT 277

FATHER TIME

AUSTRIA, CIRCA 1840

Unusual and rare, painted on wood, 24-hours going, hour and half-hour striking, automaton table clock

The clock has a continuous automaton – with every pendulum swing, Father Time moves his eyes from right to left. They were known in England and Holland as early as the 18th century. They were rare but are known to exist, often in the form of longcase clocks; John Pope (ca 1770) is known to have made one, as did Thomas Daves (ca 1745), and there are also a few unsigned ones known.

FUNCTIONS: Eye movement, hour and half-hour striking, hours, minutes

DIMENSIONS: Height 43 cm, base width 31 cm

CASE: On molded base, Father Time leans against a rock housing the clock, back with detachable cover

DIAL: White enamel ring with Breguet hours, outer minutes divisions, center with gilt brass engine-turned disk with two winding apertures

HANDS: Blued steel lozenge

MOVEMENT: Square, fixed barrels, anchor escapement, steel-rod pendulum with circular brass bob, silk suspension, striking on 4-coil gong

CONDITION:

Case: Good, some chips to the paint

Dial: Very good, barely visible small hairlines under the bezel

Hands: Very good

Movement: Very good, would benefit from cleaning

ESTIMATE: € 1,500 – 2,500





LOT 278

JOH. GEORG PLONINGER, MUNICH, CIRCA 1730

Very fine and rare, marquetry, ebony and ormolu, quarter-repeating table clock with manual perpetual calendar, date and months

This is a rare and unusual combination of a Boulle style case with a complication like manual perpetual calendar, as the months with the number of corresponding days are called. The Museum of the History of Science in Oxford has a clock similar to this one by Ploninger.

FUNCTIONS: Quarter repeating, months with corresponding number of days, date, hours, minutes

SIGNED: Dial

DIMENSIONS: Height 50 cm, width 31 cm

CASE: On four curved legs with ormolu feet, tortoiseshell and gilt bronze marquetry top, matching attachment in the base, glazed sides, hinged glazed front door with ormolu *appliqué*, tile floor with tortoiseshell, silvered and gilt tiles, detachable back cover, gilt brass putti finial

DIAL: Pewter, *champlevé* Roman hours, outer minutes divisions with five-minute Arabic markers, on gilt plate decorated with engraved strapwork, winding aperture at 6, date aperture at 12, months below 6

HANDS: Blued steel, elaborate

MOVEMENT: Rectangular, 11 x 9 cm, brass, fixed barrel, early anchor escapement with brass-rod pendulum with circular brass bob, pull repeater striking on two bells

CONDITION:

Case: Very good

Dial: Very good

Hands: Very good

Movement: Very good, would benefit from cleaning

ESTIMATE: € 4,000 - 6,000





LOT 279

KEYLESS POCKET WATCH

A. LANGE & SÖHNE, GLASHÜTTE, NO. 58954, CIRCA 1910
Very fine, 18K yellow gold, high quality, keyless pocket watch

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 54 mm Ø
CASE: Four-part, Lucia, engine-turned back, gold hinged cuvette
DIAL: White enamel, Roman hours, outer minutes track, sunk subsidiary seconds
HANDS: Gold spade
MOVEMENT: 43 mm Ø, 3/4-plate, frosted gilt, 18 jewels, straight-line Glashütte lever escapement, gold escape wheel and pallet fork, solid banking by a single pin in a pin hole, Glashütte cut bimetallic compensation balance with gold temperature and mean time adjustment screws, blued steel Breguet balance spring, swan-neck micrometric regulator, diamond endstone
CONDITION:
Case: Good, some wear to the engine turning
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 3,500 - 4,500

LOT 280

ROLEX, PRECISION, REF. 9708, MADE IN THE 1960s
Fine, 18K yellow gold, center-seconds gentlemen's wristwatch with leather strap and gold plated Rolex buckle

FUNCTIONS: Hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: 34 mm Ø, thickness 10 mm
CASE: Two-piece, circular, polished, with sloped bezel, faceted lugs, snap-on back
DIAL: Silvered, radially brushed, with applied yellow gold *bâton* indexes, outer minute track
HANDS: Yellow gold *bâton*
MOVEMENT: Cal. 1215, rhodium-plated, *Côtes de Genève* decoration, 17 jewels, straight-line lever escapement, monometallic balance, shock absorber, self-compensating blued Breguet balance spring, index regulator
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,500 - 2,000





LOT 281

YELLOW GOLD "CIOCCOLATONE"

VACHERON & CONSTANTIN, GENEVE, AUTOMATIC, REF. 6440 Q, MOVEMENT NO. 571444, CASE NO. 443709, MADE IN 1971, SOLD IN 1973

Very fine and rare, 18K yellow gold, square-shaped and curved, self-winding, center-seconds gentlemen's wristwatch with date, leather strap and 18K yellow gold Vacheron & Constantin buckle. Accompanied by original fitted box, Certificate of Origin and second strap.

Ref. 6440 is called "cioccolatone" by Italian collectors due to its shape.
Different models exist: Manual winding, Ref. 4822; the self-winding Ref. 4764 and 6440 with calendar and moon phases; Ref. 6440 with center seconds; and Ref. 6440 Q, with date.
These models are the most admired and sought-after wristwatches of the 1950s. At the time, it was made in yellow gold, more rarely in pink gold, and only two examples in white gold. It was reintroduced in 2003 with a *guilloché* dial, and was launched under the name "Toledo" with a platinum case.

FUNCTIONS: Self-winding, date, hours, minutes, center-seconds
SIGNED: Dial, case, movement
DIMENSIONS: Width 36 mm, length 33 mm, thickness 13 mm
CASE: Two-piece, square-shaped, curved, polished and brushed, with stepped bezel, rounded lugs, domed crystal, snap-on back
DIAL: Gold, *satiné*, with applied yellow gold and black *bâton* indexes, aperture for the date at 3
HANDS: Yellow gold and black *bâton*
MOVEMENT: Cal. 1072 12‴, stamped with the Seal of Geneva quality mark, rhodium-plated, *Côtes de Genève* decoration, 29 jewels, straight-line lever escapement, monometallic balance adjusted to heat, cold, isochronism and five positions, shock absorber, self-compensating blued Breguet balance spring, rotor with 18K yellow gold *guilloché*
ACCESSORIES: Original fitted box, Certificate of Origin and second strap
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 24,000 – 28,000



LOT 282
SINGING BIRD
ATTRIBUTED TO BONTEMS, NO 4, CIRCA 1920
Fine, tortoiseshell and enamel, singing bird box

FUNCTIONS: Singing, opening beak, turning, flapping wings
SIGNED: "FRANCE" and "4" on the movement
DIMENSIONS: Length 95 mm, width 65 mm
CASE: Rectangular, entirely covered with tortoiseshell, back with hinged compartment for the key, the bird's medallion polished inside, engraved with floral and foliate pattern on the outside, front with gold activation lever
MOVEMENT: Rectangular, 90 mm x 49 mm, brass, turned pillars, going barrel, rectangular bellows, bird moving, flapping wings, opening beak, air and song cams underneath large going barrel, gilt grill pierced and engraved with floral pattern
CONDITION:
Case: Very good
Movement: Very good
ESTIMATE: € 2,800 - 4,000

LOT 283
KEYLESS DRESS WATCH
VACHERON & CONSTANTIN, GENÈVE, NO. 421745, CASE NO. 262508, CIRCA 1939
Very fine, platinum, keyless gentlemen's dress pocket watch

FUNCTIONS: Hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 44 mm Ø
CASE: Three-part, Empire, slim, polished
DIAL: Two-tone silver, applied platinum Arabic hours, outer minutes track, subsidiary seconds
HANDS: Blued steel *bâton*
MOVEMENT: 37 mm, rhodium-plated, *Côtes de Genève* decoration, 18 jewels, adjusted to temperature and five positions, straight-line lever escapement, bimetallic compensation balance with blued steel flat balance spring
CONDITION:
Case: Very good
Dial: Very good, slight patina
Hands: Very good
Movement: Very good
ESTIMATE: € 3,500 - 4,500





LOT 284

PATEK, PHILIPPE & CO., GENÈVE, NO. 196573, CASE NO. 290969, CIRCA 1920

Very fine, 18K gold, hunting cased, keyless, pocket watch in original leather-fitted box

FUNCTIONS: Hours, minutes, seconds
SIGNED: Dial, case, movement, and box
DIMENSIONS: 51 mm Ø
CASE: Five-part, bassine, polished, gold hinged cuvette
DIAL: White enamel, Arabic hours, outer minute track, subsidiary sunk seconds
HANDS: Blued steel Breguet
MOVEMENT: 42 mm Ø, frosted gilt, straight line "moustache" lever escapement, cut-bimetallic compensation balance with Breguet balance spring
ACCESSORIES: Leather fitted original box
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 4,000 – 5,000

LOT 285

ULYSSE NARDIN, LE LOCLE, SUISSE, NO. 154081, CIRCA 1930
Fine 18K gold, keyless, pocket watch

FUNCTIONS: Hours, minutes, seconds
SIGNED: Dial, case, movement
DIMENSIONS: 49 mm Ø
CASE: Four-part, engine-turned with crest in the center of the back cover, gold hinged cuvette
DIAL: White enamel, Breguet hours, outer minute divisions with five-minute blue Arabic markers
HANDS: Gold spade
MOVEMENT: 37 mm Ø, rhodium plated, 16 jewels, straight line lever escapement, cut-bimetallic compensation balance with blued steel Breguet balance spring, swan-neck micrometric regulator
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 1,800 - 2,500





LOT 286

MI CHRONOMETRE

ANTOINE FRERES, BESANÇON, FRANCE, CIRCA 1900
Very fine, 18K yellow gold, keyless, "*Mi Chronometre*" pocket watch with ducal coat of arms in enamel

This company was headed by Ernest and Jules Antoine from about 1880 until the beginning of the 20th century. In 1890 Ernest published *Etudes sur l'horlogerie, le réglage*, and in 1897 he published a paper on angular velocity of balances. In 1897 he was awarded a patent for a winding indicator mechanism. In 1889 the brothers were honorably mentioned at the Paris Exposition.

FUNCTIONS: Hours, minutes, small seconds
SIGNED: Dial and case
DIMENSIONS: 47 mm Ø
CASE: Four-part, concave bezels, back with *champlevé* coat of arms
DIAL: White enamel, Arabic hours, outer minutes divisions, sunk subsidiary seconds
HANDS: Gold Louis XV
MOVEMENT: 39 mm, frosted gilt, 15 jewels, straight-line lever escapement, cut-bimetallic compensation balance with blued steel Breguet balance spring
CONDITION:
Case: Good, band with dents
Dial: Very good, needs cleaning
Hands: Very good
Movement: Very good, would benefit from cleaning
ESTIMATE: € 2,000 - 2,500



LOT 287

PATEK PHILIPPE & CO., GENEVE, NO. 180006, MADE IN 1915
Very rare, elegant and early, elongated lozenge, *bombé*, 18K yellow gold gentlemen's wristwatch with leather strap and 18K yellow gold Patek Philippe buckle

FUNCTIONS: Hours, minutes
SIGNED: Dial, case, movement
DIMENSIONS: Width 25.5 mm, length 35 mm, thickness 8 mm
CASE: Two-piece, elongated lozenge-shaped, *bombé*, polished, with rounded bezel, wire lugs, snap-on back engraved with monogram
DIAL: Gilt, *guilloché*, with painted black Roman numerals, outer minute track
HANDS: Blued steel Breguet
MOVEMENT: 9‴, gilt, 15 jewels, moustache lever escapement, cut bimetallic compensation balance, self-compensating flat balance spring, index regulator
CONDITION:
Case: Very good
Dial: Good, nice patina
Hands: Very good
Movement: Very good
EXPERT'S OVERALL OPINION: Fine example of Patek Philippe early wristwatches in good original condition.
ESTIMATE: € 6,000 – 8,000



LOT 288

ARABIAN PERSIAN HORSEMEN HUNTERS

CARTIER, LONDON, NO. 25550, MADE IN 1931, ENAMEL BY CARTIER LONDON, CIRCA 1932-33
Very fine and very rare, 18K yellow gold and painted on enamel, keyless, gentlemen's dress pocket watch

In the early 1920s, Cartier, London appears to have experimented with enamel work on their watches. In 1922, London's Cartier workshop was created, English Art Works. From that period we occasionally see splendid Cartier watches decorated with painted on enamel Arabian Persian horseback arch hunters. This coincided with Cartier's Paris office launching a series of clocks with Arabian Persian motifs.

The archives of the Cartier Paris branch are well preserved, while London's are less complete. Cartier therefore is faced with some Gaps regarding the works of their London workshop, including the story about the Arab Hunters enamel.

It appears that while the Paris office launched their Arabo Persian clocks, the London office launched their Arabo Persian watches (based on plain gold watches received from the Paris workshop). Most of them differed in the details but two elements were always the same, the enamel was in relief making a three dimensional impression, and they always employed paillons, usually gold ones. Besides Cartier, very few companies experimented with enamel scenes of such high relief.

FUNCTIONS: Hours and minutes
SIGNED: Dial, movement by EWC, case punched with Jaeger's mark and British import marks
DIMENSIONS: 45 mm Ø
CASE: Two-part, back finely painted on enamel in relief with Arabo Persian hunters on horseback with *paillon* decoration, the top and lower part in translucent blue and red enamel over *flinqué*
DIAL: Solid gold, silver finished in two-tone, inner Roman hours, outer minutes track
HANDS: Blued steel ranseur
MOVEMENT: 37.78mm, *maillechort*, *Côtes de Genève* decoration, 18 jewels, straight-line lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, eight adjustments, blued steel Breguet balance spring
CONDITION:
Case: Excellent Dial: Excellent
Hands: Excellent Movement: Excellent
ESTIMATE: € 9,000 - 12,000



LOT 289

PINK GOLD, REF. 1579

PATEK PHILIPPE, GENEVE, REF. 1579, MOVEMENT NO. 863780, CASE NO. 641798, MADE IN 1945-1946
Extremely fine and rare, 18K pink gold gentlemen's chronograph wristwatch with rectangular pushers, tachometer with base 1000 and 30-minute register. Accompanied by an Extract from the Archives.

Reference 1579 was introduced into the market in 1943 and soon took a unique position in the production of chronographs at Patek Philippe, as it is not only one of the largest models (diameter 36 mm) but also the only one with facetted lugs. These unusual lugs were also called "spider lugs" because of their resemblance to a spider's legs, and make the reference 1579 easily distinguishable from other Patek Philippe chronograph wristwatches of the era.

Its production lasted for 20 years. It was produced in Staybrite (exceptionally rare), in steel with pink gold lugs, bezel, and crown (extremely rare), in yellow gold (standard production), pink and in white gold (extremely rare). Only three examples were made in platinum.

REFERENCE: Osvaldo Patrizzi, *Collecting Patek Philippe Wristwatches,* Vol. I, Genova, Guido Mondani Editore, 2004, pp. 106-108.
FUNCTIONS: Chronograph, tachometer with base 1000, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case, movement
DIMENSIONS: 36 mm Ø, thickness 12 mm
CASE: Three-part, circular, polished, sloped bezel, faceted teardrop lugs, snap-on back
DIAL: Silvered, brushed, with *champlevé* black Arabic and *bâton* indexes, outer minutes/chronograph divisions, outermost tachometer graduation, sunk subsidiary seconds and 30-minute register dials
HANDS: Pink gold *bâton*
MOVEMENT: Cal. 13‴-130, rhodium-plated, *Côtes de Genève* decoration, 23 jewels, straight-line lever escapement, cut bimetallic compensation balance, self-compensating blued Breguet balance-spring, swan-neck micrometric regulator
CONDITION:
Case: Very good, slight scratches
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 90,000 – 120,000


BASE
PATEK PHILIPPE & Co
GENÈVE





LOT 290

J.E. DUFOUR & CIE, E. WIRTH SUCC., GENEVA, No. 15398, CIRCA 1895

Very fine and historically interesting, 18K yellow gold, hunting-cased, keyless, astronomical, minute-repeating pocket watch with perpetual calendar, phases of the moon, lunar date, days of the week, date, months, leap-year within the four-year cycle, and chronograph

The historical importance of the watch is in the fact that Dufour entered into a partnership with Patek Philippe (and LeCoultre) for manufacturing blanc movements. It is a completely unknown part of Patek Philippe history. For the full story watch for our future Patrizzi's Horological Magazine.

FUNCTIONS: Minute repeating, perpetual calendar, phases of the moon, lunar date, chronograph, leap year indication within four-year cycle, date, days of the week, hours, minutes, small seconds
SIGNED: Cuvette
DIMENSIONS: 58 mm Ø
CASE: Five-part, *demi-bassine*, polished, gold hinged cuvette
DIAL: White enamel, Breguet hours, outer minutes track, outermost chronograph track divided into fifths, four sunk subsidiary dials for days of the week, date, months of the four-year leap cycle, subsidiary seconds concentric with phases of the moon aperture with lunar date sector
HANDS: Gold spade
MOVEMENT: 45 mm, *maillechort*, *Côtes de Genève* decoration, 35 jewels, wolf-tooth winding wheels, straight-line counterpoised lever escapement, cut-bimetallic compensation balance with gold temperature and mean-time adjustment screws, blued steel Breguet balance spring, repeating on gongs through activating slide in the band
CONDITION:
Case: Very good
Dial: Very good, subsidiary leap indications with two hairlines
Hands: Very good
Movement: Very good
ESTIMATE: € 15,000 - 20,000

LOT 291

CHRONOGRAPH, SPLIT FLY-BACK

HUGUENIN BERTHOUD, LOCLE, SUISSE, NO. 11729, CIRCA 1870

Fine and unusual, 18K yellow gold, hunting-cased, keyless, double-train indipendent fly-back seconds, pocket watch with split seconds, independent 1/4 seconds chronograph and "diablotine"

As opposed to regular watches with independent seconds mechanism, this watch can be considered as a true chronograph with independent train, because the chronograph hands can be reset to zero. It can therefore be considered as one of the first applications of the Adolphe Nicole patent from 1862 and one of the first developments of split seconds mechanism for chronographs.

FUNCTIONS: Split-seconds chronograph, fly-back, quarter-seconds jumping diablotine, hours, minutes
SIGNED: Signed on the dial and movement
DIMENSIONS: 57 mm Ø
CASE: Five-part, massive *demi-bassine*, engine-turned with reeded band hinged gold cuvette with engine-turned border
DIAL: White enamel with Roman numerals, outer minutes and seconds rings and sunk subsidiary 1/4 seconds "*foudroyante*"
HANDS: Blued steel Breguet
MOVEMENT: 20''', *maillechort*, double train special caliber, tandem winding, 30 jewels, *Côtes de Genève* decoration, straight-line counterpoised lever escapement, cut-bimetallic compensation balance with blued steel Breguet balance spring, split independent seconds with push pieces in the band
CONDITION:
Case: Very good
Dial: Very good
Hands: Very good
Movement: Very good
ESTIMATE: € 10,000 - 12,000







LOT 292

STAINLESS STEEL CHRONOGRAPH, REF. 1463

PATEK PHILIPPE & CO., GENÈVE, REF. 1463, MOVEMENT NO. 967656, CASE NO. 653516, MADE IN 1950
Extremely fine and equally rare, stainless steel, anti-magnetic, water-resistant, gentlemen's chronograph wristwatch with round pushers, tachometer with base 1000 and 30-minute register. Accompanied by an Extract from the Archives.

Reference 1463 was the first water-resistant chronograph to be produced by Patek Philippe. It is also their only vintage waterproof chronograph. The model was launched in 1940 based on the cal. 13‴-130 used by the company since 1920s. It continued until 1965. The reference can be divided into two series: the first series was with a plain bezel; the second, launched around 1947, had a stepped bezel. This watch is one of the earliest with the stepped bezel. It is also probably the most attractive ref. 1463 in stainless steel that has appeared in the market in the past number of years.

The majority of 1463 models are in yellow gold, some were cased in pink gold, and examples in stainless steel are very rare. In our database covering the vast majority of Patek Philippe watches on the market within the past thirty years, we have fewer than 20 examples.
The watch is constructed with the dial having the tachometer ring placed entirely within the reflective field of the reflection ring, a special, highly polished sloped inner part of the bezel. The construction gives the appearance of a two-tone dial, with the tachometer scale having the lighter tone.
The design and the construction are so successful, the tone differences so clear, the simulation of the two-tone effect so real, that this dial has often been described by some experts as a two-tone dial.
The record price for this reference in stainless steel is CHF 525,000 (November 2007)

REFERENCE: Osvaldo Patrizzi, "Comparative Study of Vacheron Constantin Ref. 6087 and Patek Philippe Ref. 1463", *Vox Magazine*, Summer 2004, pp. 17-18.
FUNCTIONS: Chronograph, tachometer with base 1000, 30-minute register, hours, minutes, small seconds
SIGNED: Dial, case and movement
DIMENSIONS: 35 mm Ø, thickness 12 mm
CASE: Two-part, Calatrava type, polished and brushed, sloped bezel, curved down lugs, screw-down back, antimagnetic dust protection cap over movement, with a Patek Philippe leather strap
DIAL: Silvered, brushed, with applied stainless steel Roman hours and dot indexes, outer minutes/chronograph track, outermost tachometer scale, subsidiary dials for seconds and 30-minute register
HANDS: Stainless steel *bâton*
MOVEMENT: Cal. 13‴, rhodium-plated, 23 jewels, *Côtes de Genève* decoration, straight-line lever escapement, monometallic balance, self-compensating blued steel Breguet balance-spring, swan-neck micrometric regulator
CONDITION:
Case: Very good Dial: Very good
Hands: Very good Movement: Very good
ESTIMATE: € 180,000 – 220,000

END OF THE SALE


BASE
PATEK PHILIPPE & Co
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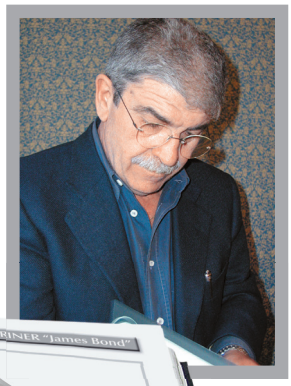


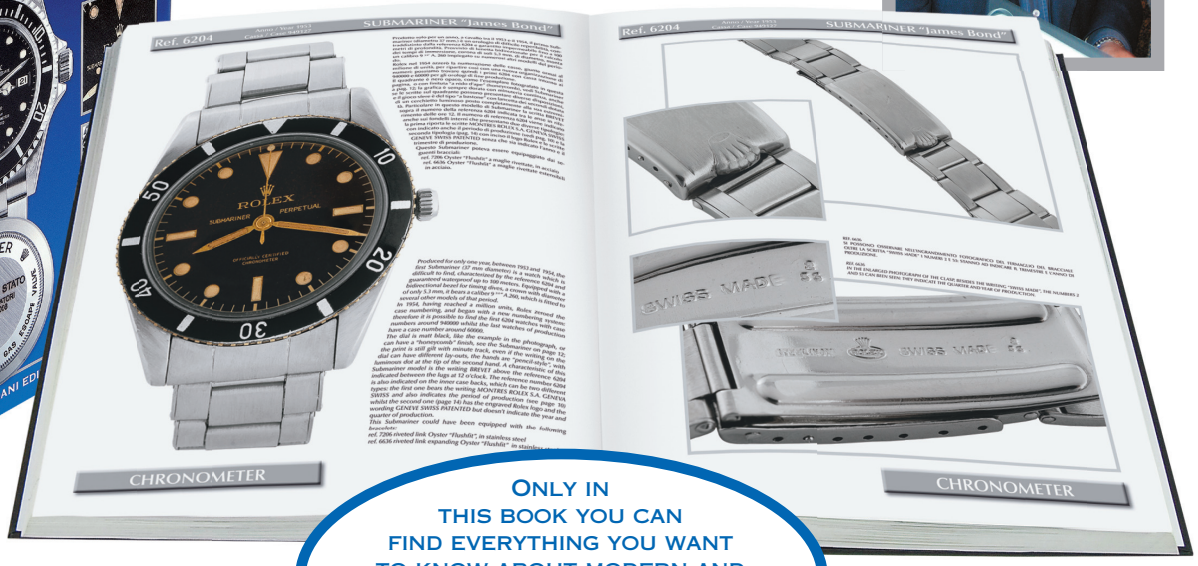
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The estimated selling prices of each Lot (low estimate and high estimate) are indicated beneath the Lot's description in the Catalogue and do not include any Expenses (in particular any VAT). These price indications are based on estimations made before of the Auction and may therefore still be revised before the Auction, with written agreement by the Seller.

5. WITHDRAWAL OF A LOT BY SELLER
If the Seller chooses to withdraw a Lot from an Auction after his written agreement with Patrizzi to sell the Lot, he will be liable to pay to Patrizzi a compensation for such withdrawal which will take into account the time, expenses and expertise used by Patrizzi in cataloguing and marketing the Lot.

6. WITHDRAWAL OF A LOT BY PATRIZZI
Patrizzi may withdraw a Lot from an Auction at any time and without any liability if:
a) it reasonably believes that there is a doubt as to the Lot's authenticity or attribution; and/or
b) it is alleged or established that any of the Seller's representations or warranties are inaccurate in any way; and/ or
c) the Seller is breaching any provisions of the Conditions of Sale or related documents; and/or
d) the Lot contains any element of an endangered species for which an official sale exemption is required and such sale exemption has not been granted by the day preceding the first day of the Exhibition; and/or
e) Patrizzi considers the Lot to be of insufficient sale value; and/or
f) failing a sufficient Bid; and/or
g) the Lot suffers from any loss or damage so that it is not in the state in which it was when its Auction was agreed

upon; and/or

h) the Auction at which it was proposed to sell the Lot is postponed for any reason whatsoever.

7. COMPETING TITLE CLAIM OR LIEN

If Patrizzi becomes aware of a competing title claim to, or lien over, any Lot consigned by the Seller, Patrizzi shall not release the Lot to the Seller until the title claim or any issue linked to the lien, as applicable, has been finally resolved at Patrizzi's satisfaction.

8. AUCTION LANGUAGE

The Auction is conducted in the language where the auction takes place, but specific indications, such as Bids, can be repeated in English or in any other language.

9. AUCTION CURRENCY – CURRENCY CONVERTER

Auctions are conducted in the currency of the country where the auction takes place or in a different currency indicated in the catalogue. For the Buyer's guidance, a currency converter may be operated at some Auctions showing exchange rates applying on the Business Day immediately preceding the Auction as notified to Patrizzi by a major Italian or Swiss bank or where the auction takes place. Patrizzi shall accept no responsibility in this respect, in particular for any errors which may occur in the conversion into or from Swiss francs and/or foreign currencies.

10. POWERS OF THE AUCTIONEER

An auctioneer shall conduct the Auction. The Auctioneer may fix the starting price at his discretion and he may advance the bidding, separate, join, or withdraw any Lot at their sole discretion. They may also cancel a Lot's sale and re-offer it immediately for sale, if they reasonably believe that there is an error or dispute between two or more Bidders, or they can take any other action as they reasonably think fit in whatever other circumstances.

11. RESERVE PRICE

Unless otherwise agreed upon in writing, each Lot will be offered for Auction subject to a Reserve Price. The Reserve Price will not exceed the final low pre-Auction estimate announced or published by Patrizzi. In a sale organized in a traditional way (e.g. with a printed catalogue and/or with a single Auctioneer and/or where the Reserve Price and the Auctioneer's initial bidding price may differ), Patrizzi may also bid on behalf of any Seller in cases where a Reserve Price has been fixed. In such cases, the Seller is treated as a Buyer and the Auctioneer shall bid on his behalf up to the Reserve Price. If the Reserve Price is not reached, Patrizzi may reject the last Bid and fix another starting price not above the Reserve Price or it may omit to knock down the Lot to anyone and pass on to the next Lot by a simple fall of the hammer. Patrizzi may, however, sell any unsold Lot by post-Auction sale, provided that, in such a case, such post-Auction sale price shall not be lower than the Reserve Price, subject to a differing prior agreement of the Seller.

12. REGISTRATION AND IDENTIFICATION BEFORE THE AUCTION

In order to comply with local laws and regulations and to prevent as far as possible any error in the attribution of any Lots sold, all Bidders are requested to identify themselves before the Auction with Proper Valid Identification at Patrizzi's regular offices or at its registration office on the Auction's premises. Upon presentation of adequate and satisfactory financial credentials and Proper Identification, intending Bidders can apply to participate in the Auction and shall complete a registration form. If Patrizzi approves their application, they shall receive a number which will enable them to participate in the Auction. Those persons wishing to submit written bidding orders or to bid over the telephone or online must equally apply, register and identify themselves, as indicated here above or by means of the appropriate forms in this Catalogue at least one Business Day prior to the Auction. The attention of the Bidder is specifically drawn to the fact that Patrizzi needs to verify the identity of any Buyer on the basis of Proper Identification, as well as the identity of the beneficial owner of all and any funds transferred to Patrizzi.

13. WRONG OR UNSATISFACTORY IDENTIFICATION

Should the information or Proper Identification provided by the Buyer regarding the Buyer's identity and/or any beneficial owner's identity appear to be wrong, incomplete, ambiguous or unsatisfactory to Patrizzi, the letter or the Auctioneer may refuse to adjudicate any Lot to such Buyer. If this lack of Proper Identification appears only after the Auction, the sale will automatically become null and void and be rescinded. The Buyer shall in any event be and remain liable for all incurred and still outstanding Expenses.

14. BID INCREASES

As a general rule, the minimum rate by which a Bid may be increased is 5 % of the previous offer. The Auctioneer may, however, change this ratio, as well as the timing and speed of the selling, during the Auction without any prior notice.

15. BIDDING ON OWN LOTS

The Seller may not bid on his own Lot, or Lots and shall not cause any person to bid for him or on his behalf on his own Lot, or Lots. Only Patrizzi may bid on behalf of the Seller in sales organized in a traditional way. In such a case and if the Seller sets a Reserve Price on a Lot, Patrizzi may bid on the Seller's behalf up to the Reserve Price.

16. WRITTEN BID ORDERS

Patrizzi may accept to execute a written bid order on behalf of Bidders, in particular for intending Buyers who are

unable to attend the Auction, provided that such bid order is made on Patrizzi's standard written bid order form and that it is validly received by Patrizzi at least two Business Days before the Auction. A written bid order must be completed and signed, before it is sent by postal mail or by fax to Patrizzi. A written bid order can also be sent to Patrizzi by e-mail, provided that such e-mail message includes a scanned version of Patrizzi's standard written bid order form which must be duly completed, as well as legibly and validly signed by the Bidder. Prices indicated on such a written bid order for specific Lots shall be deemed to be the maximum Hammer Prices for such Lots, excluding any Expenses. A written bid order may only be modified or cancelled if notified by the Bidder to Patrizzi in writing and more than one Business Day before the Auction.
Patrizzi or its employees will not be liable in any way in case of any failure in the transmission of a written bid order before or at the Auction for any reason whatsoever.
In the event that two identical written bid orders should be the highest Bids at the Auction, the Lot shall be knocked down to the Buyer whose bidding order was received first by Patrizzi.
Clients giving written bid orders to Patrizzi may make alternative offers and/or limit the total of their expenditure in advance. Unlimited bidding orders or bidding orders marked «BUY» are not accepted. Any written bid order must be expressed in the currency established for the auction. Bidding orders made in another currency will be converted into the currency established for the auction at the market rate of a major Italian or Swiss bank or another bank at the location of the auction on the Business Day immediately preceding the Auction. A written bid order stands and holds good for 60 days following the Auction date. Patrizzi may invoice successful Bidders up to the end of the 60 day period, full payment in cleared funds being due immediately thereafter.

17. TELEPHONE BID ORDERS
Patrizzi may allow a Buyer to bid over the telephone, provided that such intention of the Buyer is received by Patrizzi at least two Business Days before the Auction. In such circumstances, Patrizzi may require the Buyer to confirm all relevant and necessary details in writing before it agrees to do so, including Proper Identification. Patrizzi will not be liable in any way in case of any failure for any reason whatsoever of any telephone connection or in the transmission of any Bid submitted by telephone, before or during the Auction. Patrizzi may record telephone Bids and the Buyer hereby agrees to any such recordings being made.

18. ONLINE BID ORDERS
Patrizzi may allow a Bidder to bid online, i.e. by means of Internet, through Patrizzi's Website at such Bidder's sole risk. Patrizzi or its employees will not be liable in any way in case of any failure for any reason whatsoever of Patrizzi's Website or in the transmission of any Bid submitted online, i.e. via Internet, be it before or during the Auction.

19. ACCEPTANCE OR REFUSAL OF BIDS
Patrizzi may, at its sole and entire discretion, refuse any written bid order, telephone bid order or online bid order from any Bidder or Buyer, including but not limited to the case where any information of any kind whatsoever about any of the latter or any Proper Identification about them appears to be wrong, incomplete, ambiguous and/or unsatisfactory to Patrizzi.

20. VIDEO SCREENS
Video screens may be in operation at Auctions for the convenience of Bidders, Buyers and Sellers. Patrizzi or its employees will not be liable in any way in case of any failure of the video image reproduced on the video screen, nor for the correspondence of the screen image to the original situation.

21. BIDDER'S LIABILITY – THIRD PARTY REPRESENTATIVE OR AGENT
Any Bidder shall be deemed to be bidding in his own name. He shall assume and bear unconditional and personal liability for the payment of the Purchase Price and for all other obligations relating to any Lot which was sold to him at Auction, unless:
aa) he registers himself with Patrizzi, before the beginning of the Auction, as a third party's agent or representative;
bb) he discloses to Patrizzi that his activity as a Bidder will be made for a clearly identified third party on the basis of Proper Identification of such third party; and
cc) provided that Patrizzi accepts in writing that such Bidder participates in the Auction as that third party's agent or representative;
dd) in which case Patrizzi will then look only to such third party as the principal for payment.

22. SUCCESSFUL BIDDER – SALE OF LOT
The highest Bidder for any Lot shall be the Buyer. Such Lot is sold at the Auction on behalf of the Seller to the Buyer.

23. TRANSFER OF TITLE
The Buyer acquires title to the Lot sold to him and becomes its new owner upon the fall of the hammer, as and when it is knocked down to him by the Auctioneer and as he has paid in full.

24. TRANSFER OF RISKS AND BENEFITS
Full liability for and risks to a Lot shall be passed to its Buyer from the moment it is knocked down and thus sold to him. From that moment onwards, it is up to the Buyer to insure any Lot so purchased and to take care immediately thereafter of all issues and expenses relating to the Lot, such as packing, handling, storage, insurance, import, export and/or shipping of a Lot or Lots purchased at Patrizzi, which issues are all entirely and solely at the Buyer's risk and expense.

25. TRANSFER OF LOTS

Patrizzi will not take into consideration, nor recognize any transfer of a Lot to any third party after the fall of the hammer. The Buyer is and remains solely responsible towards Patrizzi for the fulfillment of all obligations of the Buyer towards Patrizzi.

26. VAT

VAT is added to the Hammer Price pursuant to applicable laws in the country where the auction takes place. VAT is refunded to Buyers domiciled outside the country where the auction takes place upon receipt by Patrizzi of an export declaration stamped by Customs Authority for each Lot on which VAT was paid.

27. LIMITATION OF WARRANTY

All Lots described and/or illustrated in the Catalogue are sold «as is», either at Auction or by post-Auction sale. No further warranty is provided in respect of any Lot, other than the specific five years' warranty of authenticity, which is expressly provided for in these Conditions of Sale. All statements, texts and illustrations indicated in any Catalogue, advertisement, condition report and/or brochure of any Auction in respect of any Lot are only set out as statements of opinion and do not constitute any evidence or warranty by Patrizzi or by the Seller in respect of such Lot. No representation or warranty is made or given by Patrizzi that a Lot is in working order, nor that it is water-resistant or water-proof, nor that it is free from restoration, repair or mechanical defect and nothing in the Catalogue, nor in any condition report provided to any prospective Bidder or Buyer, should be taken as implying such. Moreover and notwithstanding the five years' warranty described herein, Patrizzi does not guarantee the authenticity of individual component parts of Lots.

Intending Bidders and Buyers must satisfy themselves at the Exhibition and before the Auction about the physical description and condition of any Lot, as well as to any defects or any repairs already carried out or required. If no information on any restoration, accident, retouching or other incident is provided in the Catalogue, in the condition reports and/or on any labels or during a verbal announcement at the Auction, this does not necessarily mean that the Lot is void of any defects. Since Bidders and Buyers are given the opportunity to examine all Lots during the Exhibition, no claim may be raised against Patrizzi or the Seller before or during the Auction or after it has ended. Except in the event of gross negligence by Patrizzi or the Seller, neither Patrizzi, nor the Seller shall be responsible or may be held liable for any defects of any Lot, nor do they warrant the correctness of any statements, descriptions and illustrations about any issues relating to any Lot, such as its age, attribution, characteristics, condition, date, features, importance, material, medium, origin, period, provenance, quality, quantity, rarity, size, value or weight. Only the expert in charge of the Auction has any authority to make or give any representation or warranty whatsoever about any Lot.

28. FIVE YEARS' WARRANTY OF AUTHENTICITY

Where a Buyer discovers, after the Auction, that the Lot which he has bought is a complete counterfeit, he shall return it to Patrizzi within three months following the day on which he became aware thereof, but in any event no later than five years of the date of the Auction at which such Lot was bought. Along with such Lot, the Buyer will notify to Patrizzi all elements of evidence on which he bases his complaint, including but not limited to the Lot's number and invoice, the date of the Auction at which the Lot was purchased and the detailed reasons, to be described in writing, for which the Buyer considers the Lot to be a complete counterfeit.

Patrizzi shall cancel that Lot's sale and return it to the Seller, while it returns to the Buyer all amounts paid by the Buyer to Patrizzi in connection with the counterfeit Lot in the currency of the original Auction, except in any of the following cases:

a) if the description of the Lot in the Catalogue appears to be in accordance with the opinion generally accepted, at the time of such Catalogue's issuance, by specialists and experts in such Lots, or if the Catalogue explicitly stated that there may be a difference of opinion as to such description; or

b) if the non-authenticity of the Lot may only be established by a scientific procedure, the effectiveness of which was generally acknowledged only after the publication of the Catalogue; or

c) if such process was, in Patrizzi's reasonable opinion and at the time of the Catalogue's issuance, unreasonably expensive or impractical or of a nature which could have caused a damage or a loss of value to the Lot itself.

No Lot shall be considered a counterfeit only by reason of any damage and/or restoration and/or modification work to it of any kind. Patrizzi shall however and at its sole discretion have the right to request the Buyer to obtain and to submit to Patrizzi, before any cancellation of the Lot's sale and at the Buyer's expense, the expertise reports of two independent and recognized experts in the same field as the Lots, who are mutually acceptable to the Buyer and to Patrizzi. These expertise reports will have to set out the reasons why the allegedly counterfeit Lot is considered to be a complete counterfeit and Patrizzi will give due consideration to any such expertise reports. However, Patrizzi may in turn seek additional independent advice in making its final determination as to whether the Lot is indeed a complete counterfeit or not and Patrizzi shall not be bound by any expertise report produced by the Buyer. If Patrizzi agrees with the Buyer that the Lot is indeed a complete counterfeit, it shall refund to the Buyer the costs of obtaining any independent expertise reports, as they may have been incurred by the Buyer, provided that (i) such costs were approved by Patrizzi in writing and in advance of obtaining such reports, and (ii) the Buyer could not reasonably have obtained independent opinions prior to the Auction. The benefit of this five years' warranty limited to counterfeit Lot(s) cannot be transferred and is exclusively granted by Patrizzi for the sole benefit of the Buyer for as long as such Buyer remains the Lot's sole legal owner. Thus and in all cases, only the Buyer to whom the Lot was knocked down to will be entitled to invoke this five years' warranty and to claim such a cancellation of the Lot's sale, in which case this cancellation may only occur on the express condition that the Buyer can and does return full and unencumbered ownership of such Lot to Patrizzi and that the Lot has not suffered any alteration or damage whatsoever since the Auction.

29. PAYMENT OF PURCHASE PRICE

The full and final Purchase Price of the Lots must be paid by the Buyer to Patrizzi immediately after the Auction, in the currency where the auction takes place, but no later than five Business Days after such Auction. Patrizzi can decide in its sole discretion, subject to applicable laws, if it accepts any payment in cash. Payment of the Purchase Price will not be deemed to have been validly made until Patrizzi is in full and final receipt of cleared funds covering the entire Purchase Price.

30. PAYMENT OF PURCHASE PRICE IN FOREIGN CURRENCY

Payment may also be made in an amount of foreign currency having legal tender and accepted by Patrizzi. Such amount must however fully cover the Purchase Price's equivalent of the Hammer Price in the currency where the auction takes place at the exchange rate notified to Patrizzi by a major Italian or Swiss bank or other bank in the country where the auction takes place on the day on which such funds are fully cleared and credited to Patrizzi.

31. DELIVERY OF LOTS

Subject to any other prior written agreement with Patrizzi and subject to the timely transmission to Patrizzi of the necessary information and Proper Identification about the Buyer and/or any beneficial owner of funds in a form satisfactory to Patrizzi, no Lot shall be delivered to the Buyer during the Auction, nor until the full and final Purchase Price has been paid to Patrizzi in cleared funds and provided no other sums have become due to Patrizzi in the meantime. The Buyer must remove from Patrizzi's premises or any different place as agreed all Lots sold to him within five Business Days following the Auction or the post-Auction sale, as the case may be.

32. LATE COLLECTION OF LOTS

In case a Buyer, after having fulfilled all his other obligations pursuant to these Conditions of Sale, fails to collect the Lot within five Business Days of the Auction, Patrizzi may, after notification to the Buyer, store the Lot at the Buyer's exclusive expense and risk. The subsequent release of such Lot shall only occur after the Buyer has paid to Patrizzi all expenses relating to such storage or any other Expenses still due.

33. LATE PAYMENT OF PURCHASE PRICE AND REMEDIES

After twenty Business Days following the Auction without having received the payment from the Buyer, a late payment interest at the rate prescribed by D.Lvo 231/2002 (Italian Legislation) on the amounts not yet paid, charged by Patrizzi to the Buyer in addition to Eur 10,00 per day as deposit. Patrizzi is under no obligation to enforce any payment by the Buyer, nor to undertake any legal proceedings to recover such payment. Failing full payment of the Purchase Price by the Buyer within twenty Business Days after the Auction, Patrizzi shall use its best efforts to comply with the instructions of the Seller as to any action to be taken and to assist the Seller, as far as possible, to collect the Purchase Price or to cancel the sale. Any funds received by Patrizzi from the Buyer may be applied by Patrizzi to all and any of its claims against the Buyer in the order chosen by Patrizzi at its full discretion. The Buyer shall always remain liable for the payment of any unpaid balance of the Purchase Price until its full settlement. Any partial payment by the Buyer to Patrizzi may, alternatively and at Patrizzi's sole discretion, be deemed by Patrizzi as a payment by way of deposit. In case of failure by the Buyer to pay the full Purchase Price as required herein, Patrizzi is free to consider at any time that any such deposit shall be automatically forfeited by the Buyer and that the Lot may be resold at a public auction, by private auction, by post-Auction sale or by private treaty sale, at Patrizzi's entire discretion.

Notwithstanding the foregoing, Patrizzi may also and at its sole discretion:

a) charge late payment interest at the rate indicated before from the defaulting Buyer;

b) agree with the Buyer on special conditions for the payment of the Purchase Price;

c) arrange for transportation, storage and/or insurance of the Lot sold at the Seller's or Buyer's sole expense and risk, as the case may be;

d) settle or pursue, at the Seller's expense, any judicial or arbitral proceedings brought by or against the defaulting Buyer on such conditions as Patrizzi shall from time to time deem appropriate;

e) take any action, at the Seller's expense, which appears to be useful for the collection of the amounts due by the Buyer, respectively to claim for the compensation of any damages or prejudice;

f) exercise at the Seller's expense a lien on the Lot;

g) disclose the Buyer's identity to the Seller to enable the Seller to initiate direct legal proceedings; and/or

h) cancel the sale and return the Lot to the Seller.

34. PLEDGE ON LOTS

Until full and final settlement of the Purchase Price, the Buyer grants to Patrizzi a pledge on any Property held by Patrizzi and acquired by the Buyer prior to, during and/or after the Auction. This pledge is meant to secure the repayment of any amounts due and/or Expenses, in principal, interest, commissions, costs, taxes and all other forms. Patrizzi is entitled, but not obliged, to realize freely the pledged Property, without any further formalities and without any prior notice, if the Buyer is in default of any of his obligations as foreseen hereunder. In any event, Patrizzi is also entitled to realize its pledge on a private treaty basis. For this purpose, Patrizzi is not bound to comply with the formalities prescribed by local law dealing with actions for debt and bankruptcy proceedings. In addition to the above, Patrizzi may also choose to start or to pursue ordinary debt collection proceedings without having beforehand sold the pledged goods and without giving up any rights to such a pledge.

35. PATRIZZI PROFIT PARTICIPATION

After the Auction, the Seller is not only liable to pay to Patrizzi the Patrizzi Profit Participation, but also all Expenses to be borne by the Seller, as indicated in the account statement submitted by Patrizzi to the Seller after the Auction. The Seller authorizes Patrizzi to deduct from the Hammer Price such Patrizzi Profit Participation and the Expenses to be borne by the Seller. Patrizzi will pay the resulting Net Sale Proceeds to the Seller within 30 days of receipt by Patrizzi from the Buyer of full and final payment of the Purchase Price in cleared funds.

36. SHIPPING
Patrizzi may, upon request of the Buyer and subject to restrictions of export and/or import on certain types of Lots, arrange to have Lots shipped to the Buyer at Buyer's sole expense and risk.

37. LIMITATION OF ACCESS AND PARTICIPATION IN AUCTIONS
Patrizzi may, at its sole and entire discretion, refuse to allow any person to access its Exhibition and/or Auction rooms, to participate in its Auctions and/or to admit any person on any of its premises.

38. VISITORS' LIABILITY
Any person on Patrizzi's premises, or on those of any Exhibition and/or Auction, shall be liable for any damage which such person may have caused to any Lot and/or to any other Property so exhibited, stored, hold or sold.

39. INTRODUCTORY COMMISSION
Patrizzi may pay out of its remuneration an introductory fee to any third party introducing clients or any Property to it.

40. DATA PROTECTION
All Bidders, Buyers and Sellers agree that any company of the Patrizzi Group may collect, use and disclose personal data in connection with them in compliance with applicable legal provisions. For further information, please refer to our Privacy Policy.

41. ILLUSTRATION RIGHTS
The Seller and the Buyer agree that any company of the Patrizzi Group shall have the non-exclusive right to photograph, illustrate or otherwise produce images of any Lot consigned to it for sale and/or sold at an Auction. Such company(-ies) of the Patrizzi & Co Group shall retain copyright in all such images created by it (them) of any Lot and shall have the right to use such images in whatever way and at whatever time which it (they) deem(s) appropriate, before, during and after the Auction.

42. INTELLECTUAL PROPERTY RIGHTS
All aspects of Patrizzi's Website, including but not limited to all texts, illustrations, trademarks and logos appearing on such website, as well as of the Patrizzi Grading System™, and all the intellectual property deriving therefrom, are legally protected. In this regard, all reproduction, representation, use, adaptation, modification, incorporation, translation, marketing, distribution, creation of links, whether full or partial, by any procedure and on any medium whatsoever (paper, digital technology or other means) are, for commercial or public purposes, prohibited, unless written permission is given beforehand by Patrizzi's marketing department. Permission is granted, exclusively for private purposes, to download, record, print or to reproduce by some other method certain pages and/or parts of Patrizzi's Website, provided that the copyright information or other legally protected names or indications are not removed. Patrizzi retains full ownership and rights of use to the above and may revoke this permission at any time and at its sole discretion.

43. AVAILABILITY OF CONDITIONS OF SALE
These Conditions of Sale shall be available on Patrizzi's Website and are available for inspection by all persons interested as soon as the Auction has been published.

44. USE OF PATRIZZI'S WEBSITE – DISCLAIMER OF WARRANTIES AND EXCLUSION OF LIABILITY
Patrizzi declines any and all liability in the event of loss or damage of any nature whatsoever to any third parties due to:
(i) the accessing or use of Patrizzi's Website or parts of such website,
(ii) links to any Internet websites of third parties,
(iii) the possibility of any inaccuracies, omissions or typographical errors in the content of Patrizzi's Website, and/or
(iv) Internet problems of any nature (such as but not limited to service outage and access problems, malfunction, viruses, harmful components, acts of terrorism, etc.), misuse by third parties (e.g. accessing data, copies, etc.) or loss of programs and/or other data in the user's computer or electronic devices.
Certain links on Patrizzi's Website allow access to third party websites over which Patrizzi has no influence. Patrizzi accepts no responsibility whatsoever about the completeness, comprehensiveness or legality of the content of and links with other websites appearing on Patrizzi's Website or about any products, offers and supply of services or other offered on such third party websites.
The setting up of a hypertext link to Patrizzi's Website requires the prior written permission of Patrizzi's Marketing Department.

45. BINDING TEXT
The Italian version of these Conditions of Sale is the authoritative and legally binding text.

46. APPLICABLE LAW – COMPETENT JURISDICTION
The use of and/or access to Patrizzi's Website, as well as all aspects of any Auction, of these Conditions of Sale, as well as all of the rights and obligations deriving there from, shall be governed exclusively by Italian law. Any dispute regarding the use of and/or access to Patrizzi's Website, as well as the execution, non-execution, validity or interpretation of any Auction, of these Conditions of Sale, as well as of all rights and obligations deriving there from, shall be submitted to the exclusive jurisdiction of the Courts of Milan, Italy, subject to an appeal to the Italian Law. In any event, Patrizzi is also entitled, at its sole discretion, to sue or otherwise proceed against any defaulting Buyer or other debtor of Patrizzi at his place of residence or domicile, or in any other jurisdiction which Patrizzi, at its sole discretion, may consider appropriate. In such a case, Swiss law shall remain applicable.